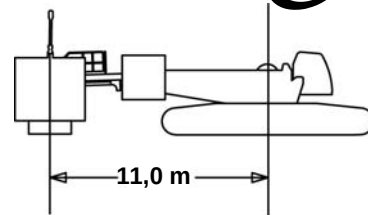


# Liftcrane Boom Capacities

**Boom No. 58 HL with 30,0 m Mast No. 59A**  
**150 590 kg Crane Counterweight**  
**54 430 kg Carbody Counterweight**  
**0 kg thru 222 190 kg Hanging Counterweight**  
**at 11,0 m Position**  
**360 Degree Rating**



**16000 MAX-ER**



**LIFTING CAPACITIES:** Lifting capacities for various boom lengths and operating radii are for freely suspended loads and are calculated to comply with EN 13000, ISO 4305 and include factors based on a 4,0 degree tipping angle.

Capacities based on structural competence are denoted by an asterisk (\*).

Standard upper boom point capacity for liftcrane service with single part whip line is 13 610 kg or 27 220 kg with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom point sheaves, is considered part of main boom load. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.



**HANGING COUNTERWEIGHT:** Hanging counterweight must be attached to machine and MAX-ER mode must be selected to operate. Exit MAX-ER mode before operating without hanging counterweight.



**MINIMUM LIFTING CAPACITY TO SWING AND TRAVEL:** Minimum lifting capacity to raise hanging counterweight free of ground support is required for swing and travel. Do not allow hanging counterweight to contact ground while swinging and traveling.

**OPERATING CONDITIONS:** Machine to operate in a level position on a firm uniformly supporting surface with mast up. Refer to boom rigging **No. A14546**, Wire Rope Specification chart **No. 8745-A**, and Counterweight Arrangement chart **No. 8682-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to Operator's Manual for operating guidelines.



**WIND CONDITIONS:** Machine may operate with full working load in wind speeds up to the maximum wind speed value provided crane operator judgment is used to allow for wind effect on lifted load and other considerations noted on capacity chart are followed. Wind speed to be measured at boom point elevation. Refer to Wind Conditions Chart **No. 8688-A** for effect of wind on lifted load, additional maximum wind speeds when lifting percentage of full working load, and instructions for parking when wind speed exceeds maximum operating wind speed.

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 Manitowoc, Wisconsin 54220 U.S.A.

**MACHINE TRAVEL:** Machine to travel on a firm, level [up to 1 percent (0,5 degrees) grade] and uniformly supporting surface. *Travel with 100 percent of rated load prohibited.* Travel restricted to 90 percent of rated capacity with speed not to exceed 0,4 m/s. Boom must be within boom angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8798-A**.

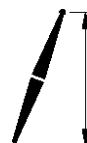
**MAX PERMISSIBLE SLEWING SPEED:** Slewing operation with working load shall not exceed 0,4 m/s as measured at the operating radius. The amount of time to brake or start slewing a working load shall not be less than 2,5 seconds.



**OPERATING RADIUS:** Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block.



**BOOM ANGLE:** Boom angle in degrees (°) is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.



**BOOM POINT ELEVATION:** Boom point elevation is vertical distance from ground level to centerline of boom point shaft.

**MACHINE EQUIPMENT:** Machine equipped with MAX-ER, 10 363 mm crawlers, 1 524 mm treads, 9 754 mm live mast, 30,0 m mast, 12 part boom hoist reeving, boom support straps, 150 590 kg crane counterweight, two 13 610 kg and four 6 800 kg carbody counterweights and hanging counterweight as specified.

**WARNING:** Check amount of crane counterweight and hanging counterweight on machine before use of this chart. Refer to Operator's Manual for counterweight identification.

## Boom Catwalks Deduct

Deduct 550 kg from capacities when boom catwalks are attached.

| Maximum Boom Length Lifted Unassisted                |                                        |
|------------------------------------------------------|----------------------------------------|
| Over End of Blocked Crawlers                         | Over Side or End of Unblocked Crawlers |
| With 0 kg Hanging Counterweight                      |                                        |
| 96,0 m                                               | 90,0 m                                 |
| With 62 530 kg Hanging Counterweight                 |                                        |
| 114,0 m                                              | 108,0 m                                |
| Over Side or End of Unblocked Crawlers               |                                        |
| With 142 360 kg Hanging Counterweight                | With 222 190 kg Hanging Counterweight  |
| 120,0 m                                              | 120,0 m                                |
| Load block, hook and weight ball on ground at start. |                                        |

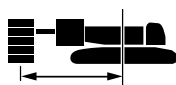
## Explanation of Symbols



Boom No. 58 Heavy Lift Top

Crane Counterweight  
+  
Carbody Counterweight

360 Degree Rating

Hanging Counterweight  
Position from Axis of  
Rotation

Boom Length

Maximum Wind Speed  
(see page 1)

## Explanation of Symbols

Operating Radius  
(see page 1)Boom Angle  
(see page 1)Boom Point Elevation  
(see page 1)

Hanging Counterweight



Lifting Capacities

Minimum Lifting Capacity  
to Swing and Travel  
(see page 1)

58 HL



150 590 kg  
+  
54 430 kg

360°

11,0 m



42,0 m

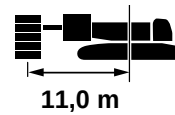


11 m/s

| <br>m | <br>° | <br>m | <br>kg  | <br>kg  |           | <br>kg  |           | <br>kg  |           | <br>m |
|-------|-------|-------|---------|---------|-----------|---------|-----------|---------|-----------|-------|
|       |       |       |         | <br>kg  | <br>kg    | <br>kg  | <br>kg    | <br>kg  | <br>kg    |       |
| 7,9   | 82,8  | 44,2  | 337 800 | 230 100 | 379 800 * |         |           |         |           | 7,9   |
| 8,0   | 82,7  | 44,2  | 334 400 | 227 300 | 378 800 * |         |           |         |           | 8,0   |
| 10,0  | 80,0  | 43,8  | 258 900 | 166 000 | 318 700 * | 286 700 | 373 400 * |         |           | 10,0  |
| 12,0  | 77,2  | 43,4  | 210 200 | 129 300 | 265 800 * | 225 800 | 314 800 * | 324 900 | 365 600 * | 12,0  |
| 14,0  | 74,3  | 42,8  | 176 100 | 104 600 | 227 300 * | 185 100 | 269 600 * | 265 900 | 311 800 * | 14,0  |
| 16,0  | 71,4  | 42,1  | 150 800 | 87 000  | 197 400 * | 156 000 | 235 200 * | 225 100 | 272 400 * | 16,0  |
| 18,0  | 68,5  | 41,3  | 131 400 | 73 800  | 172 600 * | 134 200 | 208 300 * | 194 700 | 241 500 * | 18,0  |
| 20,0  | 65,5  | 40,4  | 114 400 | 63 600  | 153 100 * | 117 200 | 186 600 * | 171 000 | 216 600 * | 20,0  |
| 22,0  | 62,4  | 39,4  | 99 800  | 55 300  | 137 300 * | 103 500 | 168 700 * | 151 900 | 196 000 * | 22,0  |
| 24,0  | 59,3  | 38,2  | 88 200  | 48 500  | 124 100 * | 92 300  | 153 700 * | 136 300 | 178 800 * | 24,0  |
| 26,0  | 56,0  | 36,8  | 78 600  | 42 800  | 111 800   | 83 000  | 140 500 * | 123 300 | 164 200 * | 26,0  |
| 28,0  | 52,5  | 35,3  | 70 600  | 38 000  | 101 000   | 75 100  | 129 000 * | 112 200 | 151 500 * | 28,0  |
| 30,0  | 48,9  | 33,6  | 63 800  | 33 900  | 91 900    | 68 200  | 119 100 * | 102 700 | 140 600 * | 30,0  |
| 32,0  | 45,1  | 31,6  | 58 000  | 30 300  | 84 100    | 62 300  | 110 400 * | 94 400  | 130 900 * | 32,0  |
| 34,0  | 41,0  | 29,3  | 52 900  | 27 100  | 77 300    | 57 100  | 102 800 * | 87 200  | 122 400 * | 34,0  |
| 36,0  | 36,5  | 26,7  | 48 400  | 24 300  | 71 300    | 52 500  | 96 000 *  | 80 800  | 114 800 * | 36,0  |
| 38,0  | 31,4  | 23,5  | 44 500  | 21 800  | 66 000    | 48 400  | 90 000 *  | 75 100  | 108 000 * | 38,0  |
| 40,0  | 25,3  | 19,6  | 40 900  | 19 500  | 61 200    | 44 600  | 84 500 *  | 69 900  | 99 600 *  | 40,0  |



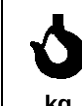
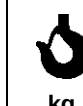
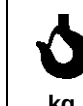
150 590 kg  
+  
54 430 kg



48,0 m



11 m/s

| <br>m | <br>° | <br>m | <br>0 kg | <br>62 530 kg |                                                                                          | <br>142 360 kg |                                                                                           | <br>222 190 kg |           | <br>m |
|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------|
|                                                                                        |                                                                                        |                                                                                        | <br>kg   | <br>kg        | <br>kg | <br>kg         | <br>kg | <br>kg         |           |                                                                                          |
| 8,5                                                                                    | 83,0                                                                                   | 50,2                                                                                   | 293 700                                                                                   | 209 700                                                                                        | 340 000 *                                                                                |                                                                                                  |                                                                                           |                                                                                                   |           | 8,5                                                                                      |
| 10,0                                                                                   | 81,2                                                                                   | 49,9                                                                                   | 246 900                                                                                   | 167 600                                                                                        | 319 100 *                                                                                | 292 000                                                                                          | 340 000 *                                                                                 |                                                                                                   |           | 10,0                                                                                     |
| 12,0                                                                                   | 78,8                                                                                   | 49,5                                                                                   | 201 800                                                                                   | 130 200                                                                                        | 265 300 *                                                                                | 227 600                                                                                          | 314 600 *                                                                                 |                                                                                                   |           | 12,0                                                                                     |
| 14,0                                                                                   | 76,3                                                                                   | 49,0                                                                                   | 169 700                                                                                   | 105 100                                                                                        | 226 800 *                                                                                | 186 200                                                                                          | 269 100 *                                                                                 | 268 500                                                                                           | 312 600 * | 14,0                                                                                     |
| 16,0                                                                                   | 73,8                                                                                   | 48,5                                                                                   | 145 800                                                                                   | 87 300                                                                                         | 197 000 *                                                                                | 156 700                                                                                          | 234 700 *                                                                                 | 226 300                                                                                           | 271 900 * | 16,0                                                                                     |
| 18,0                                                                                   | 71,3                                                                                   | 47,8                                                                                   | 127 300                                                                                   | 73 900                                                                                         | 172 200 *                                                                                | 134 600                                                                                          | 207 800 *                                                                                 | 195 500                                                                                           | 241 000 * | 18,0                                                                                     |
| 20,0                                                                                   | 68,8                                                                                   | 47,0                                                                                   | 112 500                                                                                   | 63 500                                                                                         | 152 700 *                                                                                | 117 400                                                                                          | 186 100 *                                                                                 | 171 500                                                                                           | 216 100 * | 20,0                                                                                     |
| 22,0                                                                                   | 66,2                                                                                   | 46,1                                                                                   | 99 900                                                                                    | 55 100                                                                                         | 136 800 *                                                                                | 103 600                                                                                          | 168 200 *                                                                                 | 152 300                                                                                           | 195 500 * | 22,0                                                                                     |
| 24,0                                                                                   | 63,5                                                                                   | 45,1                                                                                   | 88 000                                                                                    | 48 300                                                                                         | 123 700 *                                                                                | 92 300                                                                                           | 153 200 *                                                                                 | 136 500                                                                                           | 178 300 * | 24,0                                                                                     |
| 26,0                                                                                   | 60,7                                                                                   | 44,0                                                                                   | 78 400                                                                                    | 42 600                                                                                         | 111 500                                                                                  | 82 900                                                                                           | 140 100 *                                                                                 | 123 400                                                                                           | 163 700 * | 26,0                                                                                     |
| 28,0                                                                                   | 57,9                                                                                   | 42,7                                                                                   | 70 300                                                                                    | 37 700                                                                                         | 100 800                                                                                  | 74 900                                                                                           | 128 600 *                                                                                 | 112 300                                                                                           | 151 000 * | 28,0                                                                                     |
| 30,0                                                                                   | 55,0                                                                                   | 41,3                                                                                   | 63 500                                                                                    | 33 600                                                                                         | 91 600                                                                                   | 68 100                                                                                           | 118 700 *                                                                                 | 102 700                                                                                           | 140 100 * | 30,0                                                                                     |
| 32,0                                                                                   | 52,0                                                                                   | 39,8                                                                                   | 57 700                                                                                    | 29 900                                                                                         | 83 800                                                                                   | 62 100                                                                                           | 110 000 *                                                                                 | 94 400                                                                                            | 130 400 * | 32,0                                                                                     |
| 34,0                                                                                   | 48,8                                                                                   | 38,0                                                                                   | 52 600                                                                                    | 26 800                                                                                         | 76 900                                                                                   | 56 900                                                                                           | 102 400 *                                                                                 | 87 200                                                                                            | 121 900 * | 34,0                                                                                     |
| 36,0                                                                                   | 45,5                                                                                   | 36,1                                                                                   | 48 100                                                                                    | 23 900                                                                                         | 71 000                                                                                   | 52 300                                                                                           | 95 600 *                                                                                  | 80 700                                                                                            | 114 300 * | 36,0                                                                                     |
| 38,0                                                                                   | 42,0                                                                                   | 33,9                                                                                   | 44 100                                                                                    | 21 400                                                                                         | 65 700                                                                                   | 48 200                                                                                           | 89 500 *                                                                                  | 75 000                                                                                            | 107 500 * | 38,0                                                                                     |
| 40,0                                                                                   | 38,1                                                                                   | 31,4                                                                                   | 40 600                                                                                    | 19 100                                                                                         | 61 000                                                                                   | 44 500                                                                                           | 84 100 *                                                                                  | 69 900                                                                                            | 101 300 * | 40,0                                                                                     |
| 42,0                                                                                   | 33,9                                                                                   | 28,5                                                                                   | 37 400                                                                                    | 17 100                                                                                         | 56 700                                                                                   | 41 100                                                                                           | 79 200 *                                                                                  | 65 200                                                                                            | 95 700 *  | 42,0                                                                                     |
| 44,0                                                                                   | 29,2                                                                                   | 25,1                                                                                   | 34 600                                                                                    | 15 200                                                                                         | 52 900                                                                                   | 38 100                                                                                           | 74 700 *                                                                                  | 61 000                                                                                            | 90 600 *  | 44,0                                                                                     |
| 46,0                                                                                   | 23,5                                                                                   | 20,8                                                                                   | 31 900                                                                                    | 13 500                                                                                         | 49 400                                                                                   | 35 200                                                                                           | 70 500 *                                                                                  | 57 100                                                                                            | 84 000 *  | 46,0                                                                                     |

58 HL



150 590 kg  
+  
54 430 kg

360°

11,0 m

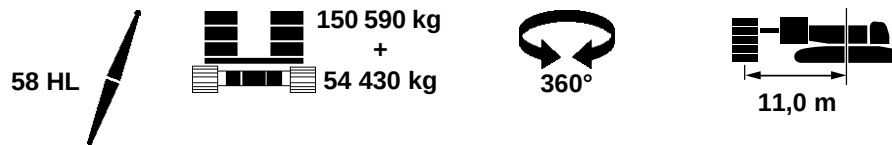


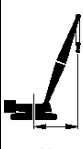
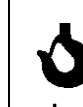
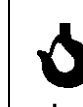
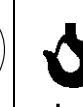
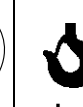
54,0 m



11 m/s

| <br>m | <br>° | <br>m | <br>0 kg | <br>62 530 kg |           | <br>142 360 kg |           | <br>222 190 kg |           | <br>m |
|-------|-------|-------|----------|---------------|-----------|----------------|-----------|----------------|-----------|-------|
|       |       |       | kg       | kg            | kg        | kg             | kg        | kg             | kg        |       |
| 9,8   | 82,5  | 56,0  | 241 900  | 175 100       | 312 300 * |                |           |                |           | 9,8   |
| 10,0  | 82,2  | 56,0  | 235 800  | 169 300       | 310 000 * |                |           |                |           | 10,0  |
| 12,0  | 80,1  | 55,7  | 193 700  | 130 900       | 264 700 * | 229 100        | 309 900 * |                |           | 12,0  |
| 14,0  | 77,9  | 55,2  | 163 600  | 105 500       | 226 200 * | 187 100        | 268 400 * | 272 100        | 308 300 * | 14,0  |
| 16,0  | 75,7  | 54,7  | 140 900  | 87 400        | 196 400 * | 157 200        | 234 100 * | 227 300        | 272 000 * | 16,0  |
| 18,0  | 73,5  | 54,1  | 123 300  | 73 800        | 171 700 * | 134 900        | 207 200 * | 196 100        | 240 400 * | 18,0  |
| 20,0  | 71,2  | 53,4  | 109 100  | 63 300        | 152 200 * | 117 500        | 185 500 * | 171 900        | 215 500 * | 20,0  |
| 22,0  | 69,0  | 52,7  | 97 500   | 54 800        | 136 300 * | 103 600        | 167 600 * | 152 500        | 194 900 * | 22,0  |
| 24,0  | 66,7  | 51,8  | 87 500   | 47 900        | 123 200 * | 92 200         | 152 600 * | 136 600        | 177 700 * | 24,0  |
| 26,0  | 64,3  | 50,8  | 78 000   | 42 200        | 111 200   | 82 700         | 139 500 * | 123 400        | 163 100 * | 26,0  |
| 28,0  | 61,9  | 49,8  | 70 000   | 37 300        | 100 400   | 74 700         | 128 000 * | 112 200        | 150 400 * | 28,0  |
| 30,0  | 59,4  | 48,6  | 63 100   | 33 100        | 91 200    | 67 800         | 118 100 * | 102 600        | 139 500 * | 30,0  |
| 32,0  | 56,9  | 47,3  | 57 200   | 29 400        | 83 400    | 61 800         | 109 500 * | 94 200         | 129 800 * | 32,0  |
| 34,0  | 54,3  | 45,8  | 52 100   | 26 300        | 76 500    | 56 600         | 101 800 * | 86 900         | 121 300 * | 34,0  |
| 36,0  | 51,6  | 44,2  | 47 700   | 23 400        | 70 500    | 51 900         | 95 100 *  | 80 500         | 113 700 * | 36,0  |
| 38,0  | 48,8  | 42,5  | 43 700   | 20 900        | 65 200    | 47 800         | 89 000 *  | 74 700         | 106 900 * | 38,0  |
| 40,0  | 45,8  | 40,6  | 40 200   | 18 600        | 60 500    | 44 100         | 83 600 *  | 69 600         | 100 800 * | 40,0  |
| 42,0  | 42,7  | 38,4  | 37 000   | 16 600        | 56 300    | 40 700         | 78 700 *  | 65 000         | 95 200 *  | 42,0  |
| 44,0  | 39,4  | 36,0  | 34 100   | 14 700        | 52 500    | 37 700         | 74 200 *  | 60 800         | 90 100 *  | 44,0  |
| 46,0  | 35,8  | 33,3  | 31 500   | 13 000        | 49 000    | 34 900         | 70 100 *  | 56 900         | 85 400 *  | 46,0  |
| 48,0  | 31,9  | 30,2  | 29 200   | 11 400        | 45 800    | 32 300         | 66 300 *  | 53 300         | 81 000 *  | 48,0  |
| 50,0  | 27,4  | 26,5  | 27 000   | 10 000        | 42 900    | 30 000         | 62 800 *  | 50 100         | 76 900 *  | 50,0  |
| 52,0  | 22,1  | 21,9  | 24 900   | 8 600         | 40 200    | 27 800         | 59 600    | 47 000         | 71 500 *  | 52,0  |



| <br>m | <br>° | <br>m | <br>0 kg | <br>62 530 kg |                                                                                         | <br>142 360 kg |                                                                                          | <br>222 190 kg |                                                                                           | <br>m |
|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|                                                                                        |                                                                                        |                                                                                        | <br>kg   | <br>kg        | <br>kg | <br>kg         | <br>kg | <br>kg         | <br>kg |                                                                                          |
| 10,4                                                                                   | 82,6                                                                                   | 62,0                                                                                   | 216 900                                                                                   | 161 800                                                                                        | 282 800 *                                                                               |                                                                                                  |                                                                                          |                                                                                                   |                                                                                           | 10,4                                                                                     |
| 12,0                                                                                   | 81,1                                                                                   | 61,8                                                                                   | 186 000                                                                                   | 131 400                                                                                        | 259 100                                                                                 | 231 000                                                                                          | 282 400 *                                                                                |                                                                                                   |                                                                                           | 12,0                                                                                     |
| 14,0                                                                                   | 79,1                                                                                   | 61,4                                                                                   | 157 700                                                                                   | 105 600                                                                                        | 220 700                                                                                 | 187 800                                                                                          | 269 700 *                                                                                |                                                                                                   |                                                                                           | 14,0                                                                                     |
| 16,0                                                                                   | 77,2                                                                                   | 60,9                                                                                   | 136 100                                                                                   | 87 300                                                                                         | 191 600                                                                                 | 157 500                                                                                          | 233 400 *                                                                                | 231 400                                                                                           | 267 900 *                                                                                 | 16,0                                                                                     |
| 18,0                                                                                   | 75,2                                                                                   | 60,4                                                                                   | 119 300                                                                                   | 73 600                                                                                         | 168 900                                                                                 | 135 000                                                                                          | 206 500 *                                                                                | 196 600                                                                                           | 240 400 *                                                                                 | 18,0                                                                                     |
| 20,0                                                                                   | 73,2                                                                                   | 59,8                                                                                   | 105 700                                                                                   | 63 000                                                                                         | 150 500                                                                                 | 117 400                                                                                          | 184 800 *                                                                                | 172 100                                                                                           | 214 800 *                                                                                 | 20,0                                                                                     |
| 22,0                                                                                   | 71,2                                                                                   | 59,1                                                                                   | 94 500                                                                                    | 54 400                                                                                         | 135 400                                                                                 | 103 400                                                                                          | 166 800 *                                                                                | 152 500                                                                                           | 194 200 *                                                                                 | 22,0                                                                                     |
| 24,0                                                                                   | 69,1                                                                                   | 58,3                                                                                   | 85 000                                                                                    | 47 500                                                                                         | 122 600                                                                                 | 91 900                                                                                           | 151 900 *                                                                                | 136 500                                                                                           | 177 000 *                                                                                 | 24,0                                                                                     |
| 26,0                                                                                   | 67,0                                                                                   | 57,5                                                                                   | 77 100                                                                                    | 41 700                                                                                         | 110 700                                                                                 | 82 400                                                                                           | 138 900 *                                                                                | 123 200                                                                                           | 162 300 *                                                                                 | 26,0                                                                                     |
| 28,0                                                                                   | 64,9                                                                                   | 56,5                                                                                   | 69 500                                                                                    | 36 700                                                                                         | 99 800                                                                                  | 74 200                                                                                           | 127 400 *                                                                                | 111 900                                                                                           | 149 700 *                                                                                 | 28,0                                                                                     |
| 30,0                                                                                   | 62,8                                                                                   | 55,5                                                                                   | 62 600                                                                                    | 32 500                                                                                         | 90 700                                                                                  | 67 300                                                                                           | 117 500 *                                                                                | 102 300                                                                                           | 138 800 *                                                                                 | 30,0                                                                                     |
| 32,0                                                                                   | 60,6                                                                                   | 54,4                                                                                   | 56 700                                                                                    | 28 900                                                                                         | 82 800                                                                                  | 61 300                                                                                           | 108 800 *                                                                                | 93 900                                                                                            | 129 200 *                                                                                 | 32,0                                                                                     |
| 34,0                                                                                   | 58,4                                                                                   | 53,1                                                                                   | 51 600                                                                                    | 25 600                                                                                         | 76 000                                                                                  | 56 000                                                                                           | 101 200 *                                                                                | 86 500                                                                                            | 120 600 *                                                                                 | 34,0                                                                                     |
| 36,0                                                                                   | 56,1                                                                                   | 51,8                                                                                   | 47 100                                                                                    | 22 800                                                                                         | 70 000                                                                                  | 51 400                                                                                           | 94 400 *                                                                                 | 80 100                                                                                            | 113 000 *                                                                                 | 36,0                                                                                     |
| 38,0                                                                                   | 53,7                                                                                   | 50,3                                                                                   | 43 100                                                                                    | 20 300                                                                                         | 64 700                                                                                  | 47 200                                                                                           | 88 400 *                                                                                 | 74 300                                                                                            | 106 200 *                                                                                 | 38,0                                                                                     |
| 40,0                                                                                   | 51,2                                                                                   | 48,7                                                                                   | 39 600                                                                                    | 18 000                                                                                         | 60 000                                                                                  | 43 500                                                                                           | 82 900 *                                                                                 | 69 100                                                                                            | 100 100 *                                                                                 | 40,0                                                                                     |
| 42,0                                                                                   | 48,7                                                                                   | 47,0                                                                                   | 36 400                                                                                    | 15 900                                                                                         | 55 700                                                                                  | 40 200                                                                                           | 78 000 *                                                                                 | 64 500                                                                                            | 94 500 *                                                                                  | 42,0                                                                                     |
| 44,0                                                                                   | 46,1                                                                                   | 45,1                                                                                   | 33 600                                                                                    | 14 100                                                                                         | 51 900                                                                                  | 37 100                                                                                           | 73 500 *                                                                                 | 60 300                                                                                            | 89 400 *                                                                                  | 44,0                                                                                     |
| 46,0                                                                                   | 43,3                                                                                   | 43,0                                                                                   | 30 900                                                                                    | 12 400                                                                                         | 48 400                                                                                  | 34 400                                                                                           | 69 500 *                                                                                 | 56 400                                                                                            | 84 800 *                                                                                  | 46,0                                                                                     |
| 48,0                                                                                   | 40,4                                                                                   | 40,6                                                                                   | 28 600                                                                                    | 10 800                                                                                         | 45 300                                                                                  | 31 800                                                                                           | 65 700 *                                                                                 | 52 900                                                                                            | 80 400 *                                                                                  | 48,0                                                                                     |
| 50,0                                                                                   | 37,2                                                                                   | 38,0                                                                                   | 26 400                                                                                    | 9 400                                                                                          | 42 400                                                                                  | 29 500                                                                                           | 62 300 *                                                                                 | 49 700                                                                                            | 76 400 *                                                                                  | 50,0                                                                                     |
| 52,0                                                                                   | 33,9                                                                                   | 35,1                                                                                   | 24 400                                                                                    | 8 000                                                                                          | 39 700                                                                                  | 27 300                                                                                           | 59 100                                                                                   | 46 700                                                                                            | 72 600 *                                                                                  | 52,0                                                                                     |
| 54,0                                                                                   | 30,1                                                                                   | 31,8                                                                                   | 22 500                                                                                    | 6 800                                                                                          | 37 200                                                                                  | 25 300                                                                                           | 56 000                                                                                   | 43 900                                                                                            | 69 100 *                                                                                  | 54,0                                                                                     |
| 56,0                                                                                   | 25,9                                                                                   | 27,8                                                                                   | 20 800                                                                                    | 5 600                                                                                          | 34 900                                                                                  | 23 400                                                                                           | 53 000                                                                                   | 41 300                                                                                            | 65 900 *                                                                                  | 56,0                                                                                     |
| 58,0                                                                                   | 20,9                                                                                   | 23,0                                                                                   | 19 200                                                                                    | 4 500                                                                                          | 32 800                                                                                  | 21 600                                                                                           | 50 200                                                                                   | 38 900                                                                                            | 61 100 *                                                                                  | 58,0                                                                                     |

58 HL



150 590 kg  
+  
54 430 kg

360°

11,0 m

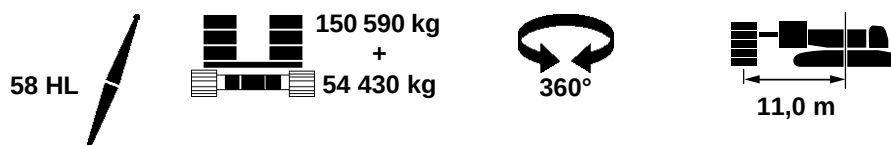


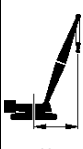
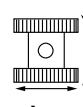
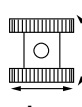
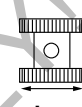
66,0 m



11 m/s

| <br>m | <br>° | <br>m | <br>0 kg | <br>62 530 kg |           | <br>142 360 kg |           | <br>222 190 kg |           | <br>m |
|-------|-------|-------|----------|---------------|-----------|----------------|-----------|----------------|-----------|-------|
|       |       |       | kg       | kg            | kg        | kg             | kg        | kg             | kg        |       |
| 11,0  | 82,8  | 68,0  | 196 400  | 150 500       | 251 100 * |                |           |                |           | 11,0  |
| 12,0  | 81,9  | 67,8  | 179 200  | 132 500       | 247 500   |                |           |                |           | 12,0  |
| 14,0  | 80,1  | 67,5  | 152 500  | 106 300       | 213 700   | 189 100        | 250 200 * |                |           | 14,0  |
| 16,0  | 78,3  | 67,1  | 132 100  | 87 700        | 186 200   | 158 400        | 235 900 * |                |           | 16,0  |
| 18,0  | 76,6  | 66,6  | 116 000  | 73 900        | 164 400   | 135 600        | 206 200 * | 199 100        | 237 500 * | 18,0  |
| 20,0  | 74,8  | 66,0  | 102 900  | 63 100        | 146 800   | 117 900        | 184 500 * | 172 800        | 214 500 * | 20,0  |
| 22,0  | 72,9  | 65,4  | 92 100   | 54 500        | 132 200   | 103 700        | 166 600 * | 153 100        | 193 900 * | 22,0  |
| 24,0  | 71,1  | 64,7  | 83 000   | 47 500        | 120 000   | 92 100         | 151 600 * | 137 000        | 176 700 * | 24,0  |
| 26,0  | 69,3  | 64,0  | 75 300   | 41 700        | 109 500   | 82 500         | 138 700 * | 123 500        | 162 100 * | 26,0  |
| 28,0  | 67,4  | 63,1  | 68 600   | 36 700        | 99 900    | 74 400         | 127 200 * | 112 200        | 149 500 * | 28,0  |
| 30,0  | 65,5  | 62,2  | 62 500   | 32 500        | 90 600    | 67 400         | 117 300 * | 102 500        | 138 500 * | 30,0  |
| 32,0  | 63,5  | 61,2  | 56 600   | 28 800        | 82 700    | 61 400         | 108 600 * | 94 000         | 128 900 * | 32,0  |
| 34,0  | 61,5  | 60,1  | 51 500   | 25 500        | 75 900    | 56 000         | 101 000 * | 86 700         | 120 400 * | 34,0  |
| 36,0  | 59,5  | 59,0  | 47 000   | 22 700        | 69 900    | 51 400         | 94 200 *  | 80 200         | 112 800 * | 36,0  |
| 38,0  | 57,5  | 57,7  | 43 000   | 20 200        | 64 600    | 47 200         | 88 200 *  | 74 400         | 106 000 * | 38,0  |
| 40,0  | 55,4  | 56,3  | 39 500   | 17 900        | 59 900    | 43 500         | 82 700 *  | 69 200         | 99 900 *  | 40,0  |
| 42,0  | 53,2  | 54,8  | 36 300   | 15 800        | 55 600    | 40 200         | 77 800 *  | 64 600         | 94 300 *  | 42,0  |
| 44,0  | 51,0  | 53,2  | 33 500   | 14 000        | 51 800    | 37 100         | 73 400 *  | 60 300         | 89 200 *  | 44,0  |
| 46,0  | 48,7  | 51,5  | 30 900   | 12 300        | 48 300    | 34 300         | 69 300 *  | 56 500         | 84 600 *  | 46,0  |
| 48,0  | 46,3  | 49,5  | 28 500   | 10 700        | 45 200    | 31 800         | 65 600 *  | 53 000         | 80 300 *  | 48,0  |
| 50,0  | 43,8  | 47,5  | 26 300   | 9 300         | 42 300    | 29 500         | 62 100 *  | 49 700         | 76 200 *  | 50,0  |
| 52,0  | 41,1  | 45,2  | 24 400   | 8 000         | 39 600    | 27 300         | 59 000 *  | 46 700         | 72 500 *  | 52,0  |
| 54,0  | 38,4  | 42,7  | 22 500   | 6 700         | 37 200    | 25 300         | 55 900    | 44 000         | 69 000 *  | 54,0  |
| 56,0  | 35,4  | 40,0  | 20 800   | 5 600         | 34 900    | 23 500         | 52 900    | 41 400         | 65 800 *  | 56,0  |
| 58,0  | 32,2  | 36,8  | 19 200   | 4 500         | 32 800    | 21 700         | 50 100    | 39 000         | 62 800 *  | 58,0  |
| 60,0  | 28,7  | 33,3  | 17 700   | 3 500         | 30 800    | 20 100         | 47 600    | 36 800         | 60 000 *  | 60,0  |
| 62,0  | 24,6  | 29,1  | 16 300   | 2 500         | 29 000    | 18 600         | 45 200    | 34 700         | 57 200 *  | 62,0  |
| 64,0  | 19,9  | 24,0  | 15 000   | 1 600         | 27 200    | 17 100         | 42 900    | 32 600         | 53 000 *  | 64,0  |



| <br>m | <br>° | <br>m | <br>0 kg | <br>62 530 kg |                                                                                         | <br>142 360 kg |                                                                                          | <br>222 190 kg |                                                                                           | <br>m |
|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|                                                                                        |                                                                                        |                                                                                        | <br>kg   | <br>kg        | <br>kg | <br>kg         | <br>kg | <br>kg         | <br>kg |                                                                                          |
| 11,6                                                                                   | 82,9                                                                                   | 74,0                                                                                   | 178 500                                                                                   | 139 900                                                                                        | 227 800 *                                                                               |                                                                                                 |                                                                                          |                                                                                                   |                                                                                           | 11,6                                                                                     |
| 12,0                                                                                   | 82,6                                                                                   | 73,9                                                                                   | 172 300                                                                                   | 133 000                                                                                        | 227 800 *                                                                               |                                                                                                 |                                                                                          |                                                                                                   |                                                                                           | 12,0                                                                                     |
| 14,0                                                                                   | 81,0                                                                                   | 73,6                                                                                   | 147 000                                                                                   | 106 300                                                                                        | 207 300                                                                                 | 191 400                                                                                         | 225 200 *                                                                                |                                                                                                   |                                                                                           | 14,0                                                                                     |
| 16,0                                                                                   | 79,3                                                                                   | 73,2                                                                                   | 127 600                                                                                   | 87 500                                                                                         | 180 400                                                                                 | 158 600                                                                                         | 221 500 *                                                                                |                                                                                                   |                                                                                           | 16,0                                                                                     |
| 18,0                                                                                   | 77,7                                                                                   | 72,8                                                                                   | 112 200                                                                                   | 73 500                                                                                         | 159 600                                                                                 | 135 600                                                                                         | 206 600 *                                                                                | 194 800                                                                                           | 217 800 *                                                                                 | 18,0                                                                                     |
| 20,0                                                                                   | 76,1                                                                                   | 72,3                                                                                   | 99 600                                                                                    | 62 700                                                                                         | 142 600                                                                                 | 117 700                                                                                         | 183 700 *                                                                                | 172 900                                                                                           | 213 300 *                                                                                 | 20,0                                                                                     |
| 22,0                                                                                   | 74,4                                                                                   | 71,7                                                                                   | 89 200                                                                                    | 54 000                                                                                         | 128 600                                                                                 | 103 400                                                                                         | 165 800 *                                                                                | 152 900                                                                                           | 193 300 *                                                                                 | 22,0                                                                                     |
| 24,0                                                                                   | 72,7                                                                                   | 71,1                                                                                   | 80 400                                                                                    | 46 900                                                                                         | 116 700                                                                                 | 91 700                                                                                          | 150 800 *                                                                                | 136 700                                                                                           | 175 900 *                                                                                 | 24,0                                                                                     |
| 26,0                                                                                   | 71,1                                                                                   | 70,4                                                                                   | 72 900                                                                                    | 41 000                                                                                         | 106 600                                                                                 | 82 000                                                                                          | 138 000 *                                                                                | 123 200                                                                                           | 161 300 *                                                                                 | 26,0                                                                                     |
| 28,0                                                                                   | 69,4                                                                                   | 69,6                                                                                   | 66 400                                                                                    | 36 000                                                                                         | 97 800                                                                                  | 73 800                                                                                          | 126 500 *                                                                                | 111 800                                                                                           | 148 700 *                                                                                 | 28,0                                                                                     |
| 30,0                                                                                   | 67,6                                                                                   | 68,8                                                                                   | 60 700                                                                                    | 31 700                                                                                         | 89 900                                                                                  | 66 800                                                                                          | 116 600 *                                                                                | 102 000                                                                                           | 137 800 *                                                                                 | 30,0                                                                                     |
| 32,0                                                                                   | 65,9                                                                                   | 67,9                                                                                   | 55 700                                                                                    | 28 000                                                                                         | 82 100                                                                                  | 60 700                                                                                          | 107 900 *                                                                                | 93 500                                                                                            | 128 100 *                                                                                 | 32,0                                                                                     |
| 34,0                                                                                   | 64,1                                                                                   | 66,9                                                                                   | 50 900                                                                                    | 24 800                                                                                         | 75 200                                                                                  | 55 400                                                                                          | 100 300 *                                                                                | 86 100                                                                                            | 119 600 *                                                                                 | 34,0                                                                                     |
| 36,0                                                                                   | 62,3                                                                                   | 65,9                                                                                   | 46 300                                                                                    | 21 900                                                                                         | 69 200                                                                                  | 50 700                                                                                          | 93 500 *                                                                                 | 79 600                                                                                            | 112 000 *                                                                                 | 36,0                                                                                     |
| 38,0                                                                                   | 60,5                                                                                   | 64,8                                                                                   | 42 400                                                                                    | 19 400                                                                                         | 63 900                                                                                  | 46 500                                                                                          | 87 500 *                                                                                 | 73 800                                                                                            | 105 200 *                                                                                 | 38,0                                                                                     |
| 40,0                                                                                   | 58,6                                                                                   | 63,5                                                                                   | 38 800                                                                                    | 17 100                                                                                         | 59 200                                                                                  | 42 800                                                                                          | 82 000 *                                                                                 | 68 500                                                                                            | 99 100 *                                                                                  | 40,0                                                                                     |
| 42,0                                                                                   | 56,7                                                                                   | 62,2                                                                                   | 35 600                                                                                    | 15 000                                                                                         | 54 900                                                                                  | 39 400                                                                                          | 77 100 *                                                                                 | 63 900                                                                                            | 93 500 *                                                                                  | 42,0                                                                                     |
| 44,0                                                                                   | 54,8                                                                                   | 60,8                                                                                   | 32 800                                                                                    | 13 100                                                                                         | 51 100                                                                                  | 36 400                                                                                          | 72 600 *                                                                                 | 59 700                                                                                            | 88 500 *                                                                                  | 44,0                                                                                     |
| 46,0                                                                                   | 52,8                                                                                   | 59,3                                                                                   | 30 200                                                                                    | 11 500                                                                                         | 47 600                                                                                  | 33 600                                                                                          | 68 600 *                                                                                 | 55 800                                                                                            | 83 800 *                                                                                  | 46,0                                                                                     |
| 48,0                                                                                   | 50,7                                                                                   | 57,7                                                                                   | 27 800                                                                                    | 9 900                                                                                          | 44 500                                                                                  | 31 000                                                                                          | 64 800 *                                                                                 | 52 300                                                                                            | 79 500 *                                                                                  | 48,0                                                                                     |
| 50,0                                                                                   | 48,6                                                                                   | 55,9                                                                                   | 25 600                                                                                    | 8 500                                                                                          | 41 600                                                                                  | 28 700                                                                                          | 61 400 *                                                                                 | 49 000                                                                                            | 75 500 *                                                                                  | 50,0                                                                                     |
| 52,0                                                                                   | 46,4                                                                                   | 54,0                                                                                   | 23 600                                                                                    | 7 100                                                                                          | 38 900                                                                                  | 26 600                                                                                          | 58 200 *                                                                                 | 46 000                                                                                            | 71 800 *                                                                                  | 52,0                                                                                     |
| 54,0                                                                                   | 44,2                                                                                   | 52,0                                                                                   | 21 800                                                                                    | 5 900                                                                                          | 36 500                                                                                  | 24 600                                                                                          | 55 200                                                                                   | 43 300                                                                                            | 68 300 *                                                                                  | 54,0                                                                                     |
| 56,0                                                                                   | 41,8                                                                                   | 49,8                                                                                   | 20 100                                                                                    | 4 700                                                                                          | 34 200                                                                                  | 22 700                                                                                          | 52 200                                                                                   | 40 800                                                                                            | 65 100 *                                                                                  | 56,0                                                                                     |
| 58,0                                                                                   | 39,3                                                                                   | 47,3                                                                                   | 18 500                                                                                    | 3 700                                                                                          | 32 100                                                                                  | 21 000                                                                                          | 49 500                                                                                   | 38 400                                                                                            | 62 100 *                                                                                  | 58,0                                                                                     |
| 60,0                                                                                   | 36,6                                                                                   | 44,7                                                                                   | 17 000                                                                                    | 2 700                                                                                          | 30 200                                                                                  | 19 400                                                                                          | 46 900                                                                                   | 36 100                                                                                            | 59 400 *                                                                                  | 60,0                                                                                     |
| 62,0                                                                                   | 33,8                                                                                   | 41,8                                                                                   | 15 700                                                                                    | 1 700                                                                                          | 28 300                                                                                  | 17 900                                                                                          | 44 500                                                                                   | 34 000                                                                                            | 56 800 *                                                                                  | 62,0                                                                                     |
| 64,0                                                                                   | 30,7                                                                                   | 38,5                                                                                   | 14 300                                                                                    | 900                                                                                            | 26 600                                                                                  | 16 400                                                                                          | 42 200                                                                                   | 32 100                                                                                            | 54 300 *                                                                                  | 64,0                                                                                     |
| 66,0                                                                                   | 27,4                                                                                   | 34,7                                                                                   | 13 100                                                                                    |                                                                                                | 25 000                                                                                  | 15 100                                                                                          | 40 100                                                                                   | 30 200                                                                                            | 52 000 *                                                                                  | 66,0                                                                                     |
| 68,0                                                                                   | 23,5                                                                                   | 30,4                                                                                   | 12 000                                                                                    |                                                                                                | 23 500                                                                                  | 13 800                                                                                          | 38 100                                                                                   | 28 400                                                                                            | 49 300 *                                                                                  | 68,0                                                                                     |
| 70,0                                                                                   | 19,0                                                                                   | 25,0                                                                                   | 10 800                                                                                    |                                                                                                | 22 000                                                                                  | 12 600                                                                                          | 36 200                                                                                   | 26 800                                                                                            | 45 500 *                                                                                  | 70,0                                                                                     |



58 HL



150 590 kg  
+  
54 430 kg

360°

11,0 m



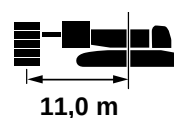
78,0 m

9 m/s

| <br>m | <br>° | <br>m | <br>0 kg | <br>62 530 kg |           | <br>142 360 kg |           | <br>222 190 kg |           | <br>m |
|-------|-------|-------|----------|---------------|-----------|----------------|-----------|----------------|-----------|-------|
|       |       |       | kg       | kg            | kg        | kg             | kg        | kg             | kg        |       |
| 12,2  | 83,0  | 79,9  | 163 300  | 130 600       | 205 100 * |                |           |                |           | 12,2  |
| 14,0  | 81,7  | 79,7  | 142 100  | 106 600       | 201 400   |                |           |                |           | 14,0  |
| 16,0  | 80,2  | 79,3  | 123 500  | 87 600        | 175 100   | 160 600        | 201 100 * |                |           | 16,0  |
| 18,0  | 78,7  | 78,9  | 108 700  | 73 400        | 155 100   | 135 700        | 198 900 * |                |           | 18,0  |
| 20,0  | 77,2  | 78,5  | 96 700   | 62 500        | 138 800   | 117 700        | 183 300 * | 174 000        | 196 600 * | 20,0  |
| 22,0  | 75,6  | 77,9  | 86 500   | 53 700        | 125 200   | 103 300        | 165 200 * | 153 000        | 191 700 * | 22,0  |
| 24,0  | 74,1  | 77,4  | 78 000   | 46 500        | 113 800   | 91 500         | 150 200 * | 136 600        | 175 700 * | 24,0  |
| 26,0  | 72,6  | 76,7  | 70 800   | 40 600        | 103 900   | 81 800         | 137 500 * | 123 100        | 160 700 * | 26,0  |
| 28,0  | 71,0  | 76,1  | 64 400   | 35 600        | 95 400    | 73 500         | 125 900 * | 111 600        | 148 100 * | 28,0  |
| 30,0  | 69,5  | 75,3  | 58 900   | 31 200        | 88 000    | 66 400         | 116 000 * | 101 700        | 137 200 * | 30,0  |
| 32,0  | 67,9  | 74,5  | 54 000   | 27 500        | 81 400    | 60 300         | 107 400 * | 93 200         | 127 600 * | 32,0  |
| 34,0  | 66,3  | 73,6  | 49 600   | 24 200        | 74 700    | 54 900         | 99 700 *  | 85 800         | 119 000 * | 34,0  |
| 36,0  | 64,6  | 72,7  | 45 700   | 21 400        | 68 700    | 50 200         | 93 000 *  | 79 200         | 111 400 * | 36,0  |
| 38,0  | 63,0  | 71,6  | 41 900   | 18 800        | 63 400    | 46 100         | 86 900 *  | 73 300         | 104 600 * | 38,0  |
| 40,0  | 61,3  | 70,5  | 38 300   | 16 500        | 58 700    | 42 300         | 81 500 *  | 68 100         | 98 500 *  | 40,0  |
| 42,0  | 59,6  | 69,4  | 35 100   | 14 400        | 54 400    | 38 900         | 76 600 *  | 63 400         | 93 000 *  | 42,0  |
| 44,0  | 57,9  | 68,1  | 32 200   | 12 600        | 50 600    | 35 800         | 72 100 *  | 59 200         | 87 900 *  | 44,0  |
| 46,0  | 56,1  | 66,8  | 29 700   | 10 900        | 47 100    | 33 000         | 68 000 *  | 55 300         | 83 200 *  | 46,0  |
| 48,0  | 54,3  | 65,3  | 27 300   | 9 300         | 44 000    | 30 500         | 64 300 *  | 51 800         | 79 000 *  | 48,0  |
| 50,0  | 52,4  | 63,8  | 25 100   | 7 900         | 41 100    | 28 200         | 60 900 *  | 48 600         | 75 000 *  | 50,0  |
| 52,0  | 50,5  | 62,2  | 23 100   | 6 500         | 38 400    | 26 000         | 57 700 *  | 45 600         | 71 200 *  | 52,0  |
| 54,0  | 48,6  | 60,4  | 21 300   | 5 300         | 36 000    | 24 000         | 54 700    | 42 800         | 67 800 *  | 54,0  |
| 56,0  | 46,6  | 58,5  | 19 600   | 4 200         | 33 700    | 22 200         | 51 700    | 40 200         | 64 600 *  | 56,0  |
| 58,0  | 44,5  | 56,5  | 18 000   | 3 100         | 31 600    | 20 500         | 49 000    | 37 900         | 61 600 *  | 58,0  |
| 60,0  | 42,3  | 54,3  | 16 600   | 2 100         | 29 700    | 18 900         | 46 400    | 35 700         | 58 900 *  | 60,0  |
| 62,0  | 40,0  | 52,0  | 15 200   | 1 200         | 27 800    | 17 400         | 44 000    | 33 600         | 56 300 *  | 62,0  |
| 64,0  | 37,6  | 49,4  | 13 900   |               | 26 100    | 16 000         | 41 700    | 31 600         | 53 800 *  | 64,0  |
| 66,0  | 35,1  | 46,6  | 12 600   |               | 24 500    | 14 600         | 39 700    | 29 800         | 51 500 *  | 66,0  |
| 68,0  | 32,4  | 43,5  | 11 500   |               | 23 000    | 13 400         | 37 700    | 28 100         | 49 400 *  | 68,0  |
| 70,0  | 29,5  | 40,0  | 10 400   |               | 21 600    | 12 200         | 35 800    | 26 400         | 47 300 *  | 70,0  |
| 72,0  | 26,2  | 36,1  | 9 400    |               | 20 300    | 11 000         | 34 000    | 24 900         | 45 300 *  | 72,0  |
| 74,0  | 22,6  | 31,5  | 8 400    |               | 19 000    | 9 900          | 32 400    | 23 400         | 42 300 *  | 74,0  |
| 76,0  | 18,2  | 25,9  | 7 500    |               | 17 700    | 8 900          | 30 800    | 22 000         | 39 000 *  | 76,0  |



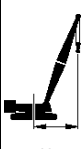
150 590 kg  
+  
54 430 kg



84,0 m



9 m/s

| <br>m | <br>° | <br>m | <br>0 kg | <br>62 530 kg | <br>142 360 kg | <br>222 190 kg | <br>m |
|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|                                                                                        |                                                                                        |                                                                                        | kg                                                                                        | kg                                                                                             | kg                                                                                              | kg                                                                                                |                                                                                          |
| 13,7                                                                                   | 82,5                                                                                   | 85,8                                                                                   | 139 900                                                                                   | 110 000                                                                                        | 177 000 *                                                                                       |                                                                                                   | 13,7                                                                                     |
| 14,0                                                                                   | 82,3                                                                                   | 85,8                                                                                   | 137 200                                                                                   | 107 100                                                                                        | 177 000 *                                                                                       |                                                                                                   | 14,0                                                                                     |
| 16,0                                                                                   | 80,9                                                                                   | 85,4                                                                                   | 119 300                                                                                   | 87 400                                                                                         | 169 500                                                                                         |                                                                                                   | 16,0                                                                                     |
| 18,0                                                                                   | 79,5                                                                                   | 85,1                                                                                   | 105 100                                                                                   | 73 000                                                                                         | 150 600                                                                                         | 136 500                                                                                           | 18,0                                                                                     |
| 20,0                                                                                   | 78,1                                                                                   | 84,6                                                                                   | 93 500                                                                                    | 61 900                                                                                         | 134 800                                                                                         | 117 400                                                                                           | 20,0                                                                                     |
| 22,0                                                                                   | 76,7                                                                                   | 84,2                                                                                   | 83 800                                                                                    | 53 100                                                                                         | 121 700                                                                                         | 102 900                                                                                           | 22,0                                                                                     |
| 24,0                                                                                   | 75,3                                                                                   | 83,6                                                                                   | 75 500                                                                                    | 45 900                                                                                         | 110 600                                                                                         | 91 000                                                                                            | 24,0                                                                                     |
| 26,0                                                                                   | 73,9                                                                                   | 83,0                                                                                   | 68 400                                                                                    | 39 900                                                                                         | 101 100                                                                                         | 81 200                                                                                            | 26,0                                                                                     |
| 28,0                                                                                   | 72,4                                                                                   | 82,4                                                                                   | 62 200                                                                                    | 34 800                                                                                         | 92 800                                                                                          | 72 900                                                                                            | 28,0                                                                                     |
| 30,0                                                                                   | 71,0                                                                                   | 81,7                                                                                   | 56 800                                                                                    | 30 500                                                                                         | 85 500                                                                                          | 65 800                                                                                            | 30,0                                                                                     |
| 32,0                                                                                   | 69,5                                                                                   | 81,0                                                                                   | 52 100                                                                                    | 26 700                                                                                         | 79 100                                                                                          | 59 600                                                                                            | 32,0                                                                                     |
| 34,0                                                                                   | 68,1                                                                                   | 80,2                                                                                   | 47 800                                                                                    | 23 400                                                                                         | 73 400                                                                                          | 54 200                                                                                            | 34,0                                                                                     |
| 36,0                                                                                   | 66,6                                                                                   | 79,3                                                                                   | 44 000                                                                                    | 20 500                                                                                         | 68 000                                                                                          | 49 500                                                                                            | 36,0                                                                                     |
| 38,0                                                                                   | 65,1                                                                                   | 78,3                                                                                   | 40 600                                                                                    | 17 900                                                                                         | 62 600                                                                                          | 45 200                                                                                            | 38,0                                                                                     |
| 40,0                                                                                   | 63,5                                                                                   | 77,3                                                                                   | 37 400                                                                                    | 15 600                                                                                         | 57 900                                                                                          | 41 500                                                                                            | 40,0                                                                                     |
| 42,0                                                                                   | 62,0                                                                                   | 76,3                                                                                   | 34 300                                                                                    | 13 600                                                                                         | 53 600                                                                                          | 38 100                                                                                            | 42,0                                                                                     |
| 44,0                                                                                   | 60,4                                                                                   | 75,2                                                                                   | 31 500                                                                                    | 11 700                                                                                         | 49 800                                                                                          | 35 000                                                                                            | 44,0                                                                                     |
| 46,0                                                                                   | 58,8                                                                                   | 73,9                                                                                   | 28 900                                                                                    | 10 000                                                                                         | 46 300                                                                                          | 32 200                                                                                            | 46,0                                                                                     |
| 48,0                                                                                   | 57,2                                                                                   | 72,7                                                                                   | 26 500                                                                                    | 8 400                                                                                          | 43 200                                                                                          | 29 700                                                                                            | 48,0                                                                                     |
| 50,0                                                                                   | 55,6                                                                                   | 71,3                                                                                   | 24 300                                                                                    | 7 000                                                                                          | 40 300                                                                                          | 27 300                                                                                            | 50,0                                                                                     |
| 52,0                                                                                   | 53,9                                                                                   | 69,8                                                                                   | 22 300                                                                                    | 5 600                                                                                          | 37 600                                                                                          | 25 200                                                                                            | 52,0                                                                                     |
| 54,0                                                                                   | 52,1                                                                                   | 68,3                                                                                   | 20 500                                                                                    | 4 400                                                                                          | 35 200                                                                                          | 23 200                                                                                            | 54,0                                                                                     |
| 56,0                                                                                   | 50,4                                                                                   | 66,6                                                                                   | 18 800                                                                                    | 3 300                                                                                          | 32 900                                                                                          | 21 300                                                                                            | 56,0                                                                                     |
| 58,0                                                                                   | 48,6                                                                                   | 64,9                                                                                   | 17 200                                                                                    | 2 200                                                                                          | 30 800                                                                                          | 19 600                                                                                            | 58,0                                                                                     |
| 60,0                                                                                   | 46,7                                                                                   | 63,0                                                                                   | 15 700                                                                                    | 1 200                                                                                          | 28 900                                                                                          | 18 000                                                                                            | 60,0                                                                                     |
| 62,0                                                                                   | 44,8                                                                                   | 61,0                                                                                   | 14 400                                                                                    |                                                                                                | 27 000                                                                                          | 16 500                                                                                            | 62,0                                                                                     |
| 64,0                                                                                   | 42,8                                                                                   | 58,8                                                                                   | 13 100                                                                                    |                                                                                                | 25 400                                                                                          | 15 100                                                                                            | 64,0                                                                                     |
| 66,0                                                                                   | 40,7                                                                                   | 56,5                                                                                   | 11 900                                                                                    |                                                                                                | 23 800                                                                                          | 13 800                                                                                            | 66,0                                                                                     |
| 68,0                                                                                   | 38,5                                                                                   | 54,0                                                                                   | 10 800                                                                                    |                                                                                                | 22 200                                                                                          | 12 500                                                                                            | 68,0                                                                                     |
| 70,0                                                                                   | 36,2                                                                                   | 51,3                                                                                   | 9 700                                                                                     |                                                                                                | 20 800                                                                                          | 11 400                                                                                            | 70,0                                                                                     |
| 72,0                                                                                   | 33,8                                                                                   | 48,4                                                                                   | 8 700                                                                                     |                                                                                                | 19 500                                                                                          | 10 200                                                                                            | 72,0                                                                                     |
| 74,0                                                                                   | 31,2                                                                                   | 45,2                                                                                   | 7 700                                                                                     |                                                                                                | 18 200                                                                                          | 9 200                                                                                             | 74,0                                                                                     |
| 76,0                                                                                   | 28,4                                                                                   | 41,5                                                                                   | 6 800                                                                                     |                                                                                                | 17 000                                                                                          | 8 100                                                                                             | 76,0                                                                                     |
| 78,0                                                                                   | 25,2                                                                                   | 37,4                                                                                   | 5 900                                                                                     |                                                                                                | 15 800                                                                                          | 7 200                                                                                             | 78,0                                                                                     |
| 80,0                                                                                   | 21,7                                                                                   | 32,7                                                                                   | 5 000 *                                                                                   |                                                                                                | 14 700 *                                                                                        | 6 200                                                                                             | 80,0                                                                                     |
| 82,0                                                                                   | 17,5                                                                                   | 26,8                                                                                   | 4 100 *                                                                                   |                                                                                                | 13 500 *                                                                                        | 5 300                                                                                             | 82,0                                                                                     |

58 HL



150 590 kg  
+  
54 430 kg

360°

11,0 m



90,0 m

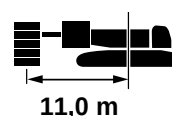


9 m/s

| <br>m | <br>o | <br>m | <br>0 kg | <br>62 530 kg |           | <br>142 360 kg |           | <br>222 190 kg |           | <br>m |
|-------|-------|-------|----------|---------------|-----------|----------------|-----------|----------------|-----------|-------|
|       |       |       | kg       | kg            | kg        | kg             | kg        | kg             | kg        |       |
| 13,7  | 83,0  | 91,8  | 135 200  | 110 400       | 148 400 * |                |           |                |           | 13,7  |
| 14,0  | 82,8  | 91,8  | 132 700  | 107 400       | 148 400 * |                |           |                |           | 14,0  |
| 16,0  | 81,5  | 91,5  | 115 600  | 87 500        | 148 400 * |                |           |                |           | 16,0  |
| 18,0  | 80,2  | 91,2  | 102 000  | 73 000        | 144 900   | 133 100        | 148 400 * |                |           | 18,0  |
| 20,0  | 78,9  | 90,8  | 90 800   | 61 800        | 131 400   | 117 500        | 148 400 * |                |           | 20,0  |
| 22,0  | 77,6  | 90,3  | 81 400   | 52 900        | 118 700   | 102 900        | 147 800 * |                |           | 22,0  |
| 24,0  | 76,3  | 89,8  | 73 400   | 45 600        | 107 900   | 90 900         | 145 300 * |                |           | 24,0  |
| 26,0  | 75,0  | 89,3  | 66 500   | 39 600        | 98 700    | 81 000         | 136 200 * | 122 700        | 142 400 * | 26,0  |
| 28,0  | 73,6  | 88,7  | 60 500   | 34 500        | 90 600    | 72 700         | 124 700 * | 111 000        | 139 700 * | 28,0  |
| 30,0  | 72,3  | 88,1  | 55 200   | 30 100        | 83 500    | 65 500         | 114 800 * | 101 000        | 135 300 * | 30,0  |
| 32,0  | 71,0  | 87,4  | 50 600   | 26 400        | 77 300    | 59 300         | 106 200 * | 92 400         | 126 300 * | 32,0  |
| 34,0  | 69,6  | 86,6  | 46 400   | 23 000        | 71 700    | 53 900         | 98 500 *  | 84 900         | 117 700 * | 34,0  |
| 36,0  | 68,2  | 85,8  | 42 700   | 20 100        | 66 600    | 49 200         | 91 700 *  | 78 300         | 110 200 * | 36,0  |
| 38,0  | 66,8  | 85,0  | 39 300   | 17 500        | 62 100    | 44 900         | 85 700 *  | 72 400         | 103 400 * | 38,0  |
| 40,0  | 65,4  | 84,0  | 36 300   | 15 200        | 57 500    | 41 100         | 80 300 *  | 67 100         | 97 200 *  | 40,0  |
| 42,0  | 64,0  | 83,1  | 33 500   | 13 100        | 53 300    | 37 700         | 75 300 *  | 62 400         | 91 700 *  | 42,0  |
| 44,0  | 62,6  | 82,0  | 30 900   | 11 200        | 49 400    | 34 700         | 70 900 *  | 58 100         | 86 600 *  | 44,0  |
| 46,0  | 61,1  | 80,9  | 28 500   | 9 600         | 45 900    | 31 900         | 66 900 *  | 54 200         | 82 000 *  | 46,0  |
| 48,0  | 59,7  | 79,8  | 26 100   | 8 000         | 42 800    | 29 300         | 63 100 *  | 50 700         | 77 700 *  | 48,0  |
| 50,0  | 58,2  | 78,5  | 23 900   | 6 500         | 39 900    | 26 900         | 59 700 *  | 47 400         | 73 800 *  | 50,0  |
| 52,0  | 56,6  | 77,2  | 22 000   | 5 200         | 37 200    | 24 800         | 56 500 *  | 44 400         | 70 100 *  | 52,0  |
| 54,0  | 55,1  | 75,8  | 20 100   | 4 000         | 34 800    | 22 800         | 53 500    | 41 700         | 66 600 *  | 54,0  |
| 56,0  | 53,5  | 74,3  | 18 400   | 2 800         | 32 500    | 20 900         | 50 500    | 39 100         | 63 400 *  | 56,0  |
| 58,0  | 51,9  | 72,8  | 16 800   | 1 800         | 30 400    | 19 200         | 47 800    | 36 700         | 60 500 *  | 58,0  |
| 60,0  | 50,2  | 71,1  | 15 400   |               | 28 500    | 17 600         | 45 200    | 34 500         | 57 700 *  | 60,0  |
| 62,0  | 48,5  | 69,3  | 14 000   |               | 26 600    | 16 100         | 42 800    | 32 400         | 55 100 *  | 62,0  |
| 64,0  | 46,8  | 67,5  | 12 700   |               | 24 900    | 14 700         | 40 600    | 30 500         | 52 700 *  | 64,0  |
| 66,0  | 45,0  | 65,5  | 11 500   |               | 23 400    | 13 400         | 38 500    | 28 600         | 50 400 *  | 66,0  |
| 68,0  | 43,1  | 63,3  | 10 400   |               | 21 900    | 12 200         | 36 500    | 26 900         | 48 200 *  | 68,0  |
| 70,0  | 41,2  | 61,1  | 9 300    |               | 20 400    | 11 000         | 34 700    | 25 300         | 46 200 *  | 70,0  |
| 72,0  | 39,2  | 58,7  | 8 300    |               | 19 100    | 9 900          | 32 900    | 23 800         | 44 300 *  | 72,0  |
| 74,0  | 37,1  | 56,0  | 7 300    |               | 17 800    | 8 800          | 31 200    | 22 300         | 42 500 *  | 74,0  |
| 76,0  | 34,9  | 53,2  | 6 400    |               | 16 700    | 7 800          | 29 700    | 20 900         | 40 700 *  | 76,0  |
| 78,0  | 32,6  | 50,1  | 5 600 *  |               | 15 500 *  | 6 800          | 28 200 *  | 19 600         | 39 100 *  | 78,0  |
| 80,0  | 30,1  | 46,8  | 4 600 *  |               | 14 300 *  | 5 900          | 26 600 *  | 18 400         | 37 500 *  | 80,0  |
| 82,0  | 27,4  | 43,0  | 3 800 *  |               | 13 200 *  | 5 100          | 25 200 *  | 17 200         | 35 800 *  | 82,0  |
| 84,0  | 24,4  | 38,7  |          |               | 12 100 *  | 4 200          | 23 800 *  | 16 000         | 33 500 *  | 84,0  |
| 86,0  | 20,9  | 33,7  |          |               | 11 000 *  | 3 400          | 22 500 *  | 14 900         | 31 000 *  | 86,0  |
| 88,0  | 16,9  | 27,6  |          |               | 10 000 *  | 2 600          | 21 200 *  | 13 800         | 28 500 *  | 88,0  |



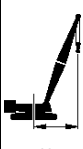
150 590 kg  
+  
54 430 kg



96,0 m



7 m/s

| <br>m | <br>° | <br>m | <br>0 kg | <br>62 530 kg |           | <br>142 360 kg |           | <br>222 190 kg |           | <br>m |
|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------|
|                                                                                        |                                                                                        |                                                                                        | kg                                                                                        | kg                                                                                             | kg        | kg                                                                                               | kg        | kg                                                                                                | kg        |                                                                                          |
| 15,2                                                                                   | 82,5                                                                                   | 97,7                                                                                   | 117 400                                                                                   | 94 100                                                                                         | 126 900 * |                                                                                                  |           |                                                                                                   |           | 15,2                                                                                     |
| 16,0                                                                                   | 82,0                                                                                   | 97,6                                                                                   | 111 900                                                                                   | 87 600                                                                                         | 126 900 * |                                                                                                  |           |                                                                                                   |           | 16,0                                                                                     |
| 18,0                                                                                   | 80,8                                                                                   | 97,2                                                                                   | 98 600                                                                                    | 72 500                                                                                         | 126 900 * |                                                                                                  |           |                                                                                                   |           | 18,0                                                                                     |
| 20,0                                                                                   | 79,6                                                                                   | 96,9                                                                                   | 87 700                                                                                    | 61 200                                                                                         | 125 900   |                                                                                                  |           |                                                                                                   |           | 20,0                                                                                     |
| 22,0                                                                                   | 78,4                                                                                   | 96,5                                                                                   | 78 600                                                                                    | 52 200                                                                                         | 115 500   | 102 900                                                                                          | 126 900 * |                                                                                                   |           | 22,0                                                                                     |
| 24,0                                                                                   | 77,2                                                                                   | 96,0                                                                                   | 70 900                                                                                    | 44 900                                                                                         | 104 800   | 90 300                                                                                           | 126 900 * |                                                                                                   |           | 24,0                                                                                     |
| 26,0                                                                                   | 75,9                                                                                   | 95,5                                                                                   | 64 200                                                                                    | 38 700                                                                                         | 95 800    | 80 400                                                                                           | 126 900 * |                                                                                                   |           | 26,0                                                                                     |
| 28,0                                                                                   | 74,7                                                                                   | 95,0                                                                                   | 58 300                                                                                    | 33 600                                                                                         | 87 900    | 71 900                                                                                           | 123 900 * | 111 400                                                                                           | 126 800 * | 28,0                                                                                     |
| 30,0                                                                                   | 73,4                                                                                   | 94,4                                                                                   | 53 200                                                                                    | 29 200                                                                                         | 81 000    | 64 700                                                                                           | 113 900 * | 100 300                                                                                           | 126 600 * | 30,0                                                                                     |
| 32,0                                                                                   | 72,2                                                                                   | 93,7                                                                                   | 48 600                                                                                    | 25 400                                                                                         | 74 900    | 58 500                                                                                           | 105 300 * | 91 700                                                                                            | 125 300 * | 32,0                                                                                     |
| 34,0                                                                                   | 70,9                                                                                   | 93,0                                                                                   | 44 500                                                                                    | 22 100                                                                                         | 69 500    | 53 100                                                                                           | 97 700 *  | 84 100                                                                                            | 116 800 * | 34,0                                                                                     |
| 36,0                                                                                   | 69,7                                                                                   | 92,3                                                                                   | 40 900                                                                                    | 19 100                                                                                         | 64 500    | 48 300                                                                                           | 90 900 *  | 77 500                                                                                            | 109 200 * | 36,0                                                                                     |
| 38,0                                                                                   | 68,4                                                                                   | 91,5                                                                                   | 37 600                                                                                    | 16 500                                                                                         | 60 100    | 44 000                                                                                           | 84 800 *  | 71 500                                                                                            | 102 500 * | 38,0                                                                                     |
| 40,0                                                                                   | 67,1                                                                                   | 90,6                                                                                   | 34 600                                                                                    | 14 200                                                                                         | 56 100    | 40 200                                                                                           | 79 400 *  | 66 300                                                                                            | 96 300 *  | 40,0                                                                                     |
| 42,0                                                                                   | 65,8                                                                                   | 89,7                                                                                   | 31 800                                                                                    | 12 100                                                                                         | 52 300    | 36 800                                                                                           | 74 500 *  | 61 500                                                                                            | 90 800 *  | 42,0                                                                                     |
| 44,0                                                                                   | 64,4                                                                                   | 88,8                                                                                   | 29 300                                                                                    | 10 200                                                                                         | 48 500    | 33 700                                                                                           | 70 000 *  | 57 200                                                                                            | 85 700 *  | 44,0                                                                                     |
| 46,0                                                                                   | 63,1                                                                                   | 87,8                                                                                   | 27 000                                                                                    | 8 500                                                                                          | 45 000    | 30 900                                                                                           | 65 900 *  | 53 300                                                                                            | 81 100 *  | 46,0                                                                                     |
| 48,0                                                                                   | 61,7                                                                                   | 86,7                                                                                   | 24 900                                                                                    | 7 000                                                                                          | 41 900    | 28 300                                                                                           | 62 200 *  | 49 700                                                                                            | 76 800 *  | 48,0                                                                                     |
| 50,0                                                                                   | 60,4                                                                                   | 85,5                                                                                   | 22 900                                                                                    | 5 500                                                                                          | 39 000    | 26 000                                                                                           | 58 800 *  | 46 500                                                                                            | 72 900 *  | 50,0                                                                                     |
| 52,0                                                                                   | 59,0                                                                                   | 84,3                                                                                   | 21 100                                                                                    | 4 200                                                                                          | 36 300    | 23 800                                                                                           | 55 600 *  | 43 500                                                                                            | 69 200 *  | 52,0                                                                                     |
| 54,0                                                                                   | 57,6                                                                                   | 83,1                                                                                   | 19 200                                                                                    | 3 000                                                                                          | 33 900    | 21 800                                                                                           | 52 600    | 40 700                                                                                            | 65 700 *  | 54,0                                                                                     |
| 56,0                                                                                   | 56,1                                                                                   | 81,7                                                                                   | 17 500                                                                                    | 1 800                                                                                          | 31 600    | 19 900                                                                                           | 49 600    | 38 100                                                                                            | 62 500 *  | 56,0                                                                                     |
| 58,0                                                                                   | 54,7                                                                                   | 80,3                                                                                   | 15 900                                                                                    |                                                                                                | 29 500    | 18 200                                                                                           | 46 900    | 35 700                                                                                            | 59 600 *  | 58,0                                                                                     |
| 60,0                                                                                   | 53,2                                                                                   | 78,8                                                                                   | 14 500                                                                                    |                                                                                                | 27 600    | 16 600                                                                                           | 44 300    | 33 500                                                                                            | 56 800 *  | 60,0                                                                                     |
| 62,0                                                                                   | 51,7                                                                                   | 77,2                                                                                   | 13 100                                                                                    |                                                                                                | 25 700    | 15 100                                                                                           | 41 900    | 31 500                                                                                            | 54 200 *  | 62,0                                                                                     |
| 64,0                                                                                   | 50,1                                                                                   | 75,6                                                                                   | 11 800                                                                                    |                                                                                                | 24 000    | 13 700                                                                                           | 39 700    | 29 500                                                                                            | 51 800 *  | 64,0                                                                                     |
| 66,0                                                                                   | 48,5                                                                                   | 73,8                                                                                   | 10 600                                                                                    |                                                                                                | 22 400    | 12 400                                                                                           | 37 600    | 27 700                                                                                            | 49 500 *  | 66,0                                                                                     |
| 68,0                                                                                   | 46,9                                                                                   | 71,9                                                                                   | 9 500                                                                                     |                                                                                                | 20 900    | 11 100                                                                                           | 35 600    | 26 000                                                                                            | 47 400 *  | 68,0                                                                                     |
| 70,0                                                                                   | 45,2                                                                                   | 70,0                                                                                   | 8 400                                                                                     |                                                                                                | 19 500    | 9 900                                                                                            | 33 700    | 24 300                                                                                            | 45 300 *  | 70,0                                                                                     |
| 72,0                                                                                   | 43,5                                                                                   | 67,9                                                                                   | 7 400                                                                                     |                                                                                                | 18 200    | 8 900                                                                                            | 32 000    | 22 800                                                                                            | 43 400 *  | 72,0                                                                                     |
| 74,0                                                                                   | 41,7                                                                                   | 65,6                                                                                   | 6 400                                                                                     |                                                                                                | 17 000    | 7 800                                                                                            | 30 400    | 21 400                                                                                            | 41 600 *  | 74,0                                                                                     |
| 76,0                                                                                   | 39,8                                                                                   | 63,3                                                                                   | 5 500 *                                                                                   |                                                                                                | 15 700 *  | 6 800                                                                                            | 28 700 *  | 20 000                                                                                            | 39 900 *  | 76,0                                                                                     |
| 78,0                                                                                   | 37,9                                                                                   | 60,7                                                                                   | 4 500 *                                                                                   |                                                                                                | 14 400 *  | 5 900                                                                                            | 27 100 *  | 18 700                                                                                            | 38 200 *  | 78,0                                                                                     |
| 80,0                                                                                   | 35,9                                                                                   | 58,0                                                                                   | 3 600 *                                                                                   |                                                                                                | 13 300 *  | 5 000                                                                                            | 25 600 *  | 17 500                                                                                            | 36 700 *  | 80,0                                                                                     |
| 82,0                                                                                   | 33,7                                                                                   | 55,0                                                                                   |                                                                                           |                                                                                                | 12 100 *  | 4 100                                                                                            | 24 200 *  | 16 300                                                                                            | 35 200 *  | 82,0                                                                                     |
| 84,0                                                                                   | 31,5                                                                                   | 51,8                                                                                   |                                                                                           |                                                                                                | 11 100 *  | 3 300                                                                                            | 22 800 *  | 15 100                                                                                            | 33 800 *  | 84,0                                                                                     |
| 86,0                                                                                   | 29,1                                                                                   | 48,3                                                                                   |                                                                                           |                                                                                                | 10 100 *  | 2 500                                                                                            | 21 500 *  | 14 100                                                                                            | 32 300 *  | 86,0                                                                                     |
| 88,0                                                                                   | 26,4                                                                                   | 44,4                                                                                   |                                                                                           |                                                                                                | 9 000 *   | 1 700                                                                                            | 20 200 *  | 13 000                                                                                            | 30 100 *  | 88,0                                                                                     |
| 92,0                                                                                   | 20,2                                                                                   | 34,8                                                                                   |                                                                                           |                                                                                                | 7 200 *   |                                                                                                  | 17 900 *  | 11 000                                                                                            | 25 800 *  | 92,0                                                                                     |

58 HL



150 590 kg  
+  
54 430 kg

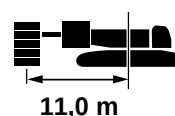
360°

11,0 m

102,0 m

7 m/s

| <br>m | <br>° | <br>m | 62 530 kg |           | 142 360 kg |           | 222 190 kg |           | <br>m |
|-------|-------|-------|-----------|-----------|------------|-----------|------------|-----------|-------|
|       |       |       | <br>kg    | <br>kg    | <br>kg     | <br>kg    | <br>kg     | <br>kg    |       |
| 15,2  | 82,9  | 103,8 | 94 200    | 107 800 * |            |           |            |           | 15,2  |
| 16,0  | 82,5  | 103,7 | 87 700    | 107 800 * |            |           |            |           | 16,0  |
| 18,0  | 81,4  | 103,3 | 72 400    | 107 800 * |            |           |            |           | 18,0  |
| 20,0  | 80,2  | 103,0 | 61 000    | 107 800 * |            |           |            |           | 20,0  |
| 22,0  | 79,1  | 102,6 | 51 900    | 107 700 * |            |           |            |           | 22,0  |
| 24,0  | 77,9  | 102,2 | 44 500    | 102 900   | 91 100     | 107 600 * |            |           | 24,0  |
| 26,0  | 76,8  | 101,7 | 38 400    | 93 400    | 80 100     | 107 500 * |            |           | 26,0  |
| 28,0  | 75,6  | 101,2 | 33 200    | 85 800    | 71 600     | 107 300 * |            |           | 28,0  |
| 30,0  | 74,4  | 100,6 | 28 800    | 79 000    | 64 400     | 106 500 * |            |           | 30,0  |
| 32,0  | 73,3  | 100,0 | 25 000    | 73 000    | 58 100     | 104 700 * | 91 400     | 105 800 * | 32,0  |
| 34,0  | 72,1  | 99,4  | 21 600    | 67 700    | 52 600     | 97 100 *  | 83 800     | 105 000 * | 34,0  |
| 36,0  | 70,9  | 98,7  | 18 600    | 62 900    | 47 800     | 90 300 *  | 77 100     | 104 200 * | 36,0  |
| 38,0  | 69,7  | 97,9  | 16 000    | 58 500    | 43 600     | 84 300 *  | 71 200     | 101 800 * | 38,0  |
| 40,0  | 68,5  | 97,1  | 13 700    | 54 600    | 39 700     | 78 800 *  | 65 900     | 95 800 *  | 40,0  |
| 42,0  | 67,3  | 96,3  | 11 600    | 51 000    | 36 300     | 73 900 *  | 61 100     | 90 200 *  | 42,0  |
| 44,0  | 66,1  | 95,4  | 9 700     | 47 700    | 33 200     | 69 500 *  | 56 800     | 85 100 *  | 44,0  |
| 46,0  | 64,8  | 94,5  | 8 000     | 44 500    | 30 400     | 65 400 *  | 52 900     | 80 500 *  | 46,0  |
| 48,0  | 63,6  | 93,5  | 6 400     | 41 400    | 27 800     | 61 700 *  | 49 300     | 76 300 *  | 48,0  |
| 50,0  | 62,3  | 92,4  | 4 900     | 38 500    | 25 400     | 58 300 *  | 46 000     | 72 400 *  | 50,0  |
| 52,0  | 61,0  | 91,3  | 3 600     | 35 800    | 23 300     | 55 100 *  | 43 000     | 68 700 *  | 52,0  |
| 54,0  | 59,7  | 90,2  | 2 400     | 33 400    | 21 300     | 52 100    | 40 200     | 65 200 *  | 54,0  |
| 56,0  | 58,4  | 88,9  | 1 200     | 31 100    | 19 400     | 49 100    | 37 600     | 62 000 *  | 56,0  |
| 58,0  | 57,0  | 87,6  |           | 29 000    | 17 700     | 46 400    | 35 200     | 59 100 *  | 58,0  |
| 60,0  | 55,7  | 86,2  |           | 27 000    | 16 100     | 43 800    | 33 000     | 56 300 *  | 60,0  |
| 62,0  | 54,3  | 84,8  |           | 25 200    | 14 500     | 41 400    | 30 900     | 53 700 *  | 62,0  |
| 64,0  | 52,9  | 83,3  |           | 23 500    | 13 200     | 39 100    | 29 000     | 51 300 *  | 64,0  |
| 66,0  | 51,5  | 81,7  |           | 21 900    | 11 800     | 37 100    | 27 200     | 49 000 *  | 66,0  |
| 68,0  | 50,0  | 80,0  |           | 20 400    | 10 600     | 35 100    | 25 400     | 46 900 *  | 68,0  |
| 70,0  | 48,5  | 78,3  |           | 19 000    | 9 400      | 33 200    | 23 800     | 44 800 *  | 70,0  |
| 72,0  | 47,0  | 76,4  |           | 17 700    | 8 300      | 31 500    | 22 300     | 42 900 *  | 72,0  |
| 74,0  | 45,4  | 74,4  |           | 16 400 *  | 7 300      | 29 800 *  | 20 800     | 41 100 *  | 74,0  |
| 76,0  | 43,8  | 72,4  |           | 15 100 *  | 6 300      | 28 100 *  | 19 500     | 39 400 *  | 76,0  |
| 78,0  | 42,1  | 70,2  |           | 13 800 *  | 5 300      | 26 500 *  | 18 200     | 37 700 *  | 78,0  |
| 80,0  | 40,4  | 67,8  |           | 12 700 *  | 4 400      | 25 100 *  | 17 000     | 36 200 *  | 80,0  |
| 82,0  | 38,6  | 65,3  |           | 11 500 *  | 3 600      | 23 600 *  | 15 800     | 34 700 *  | 82,0  |
| 84,0  | 36,7  | 62,7  |           | 10 500 *  | 2 700      | 22 300 *  | 14 600     | 33 300 *  | 84,0  |
| 86,0  | 34,8  | 59,8  |           | 9 500 *   | 2 000      | 20 900 *  | 13 600     | 32 000 *  | 86,0  |
| 88,0  | 32,7  | 56,8  |           | 8 500 *   | 1 200      | 19 700 *  | 12 500     | 30 700 *  | 88,0  |
| 92,0  | 28,2  | 49,8  |           | 6 600 *   |            | 17 400 *  | 10 600     | 27 500 *  | 92,0  |
| 96,0  | 22,8  | 41,1  |           | 4 900 *   |            | 15 200 *  | 8 800      | 23 600 *  | 96,0  |



108,0 m



7 m/s

| <br>m | <br>° | <br>m | 62 530 kg<br> |                                                                                         | 142 360 kg<br> |                                                                                         | 222 190 kg<br> |                                                                                           | <br>m |
|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|                                                                                        |                                                                                        |                                                                                        | kg<br>        | kg<br> | kg<br>         | kg<br> | kg<br>         | kg<br> |                                                                                          |
| 16,8                                                                                   | 82,5                                                                                   | 109,6                                                                                  | 80 700                                                                                         | 93 000 *                                                                                |                                                                                                 |                                                                                         |                                                                                                   |                                                                                           | 16,8                                                                                     |
| 18,0                                                                                   | 81,8                                                                                   | 109,4                                                                                  | 72 100                                                                                         | 92 900 *                                                                                |                                                                                                 |                                                                                         |                                                                                                   |                                                                                           | 18,0                                                                                     |
| 20,0                                                                                   | 80,8                                                                                   | 109,1                                                                                  | 60 400                                                                                         | 92 900 *                                                                                |                                                                                                 |                                                                                         |                                                                                                   |                                                                                           | 20,0                                                                                     |
| 22,0                                                                                   | 79,7                                                                                   | 108,7                                                                                  | 51 200                                                                                         | 92 800 *                                                                                |                                                                                                 |                                                                                         |                                                                                                   |                                                                                           | 22,0                                                                                     |
| 24,0                                                                                   | 78,6                                                                                   | 108,3                                                                                  | 43 800                                                                                         | 92 700 *                                                                                |                                                                                                 |                                                                                         |                                                                                                   |                                                                                           | 24,0                                                                                     |
| 26,0                                                                                   | 77,5                                                                                   | 107,9                                                                                  | 37 600                                                                                         | 90 900                                                                                  | 79 600                                                                                          | 92 400 *                                                                                |                                                                                                   |                                                                                           | 26,0                                                                                     |
| 28,0                                                                                   | 76,4                                                                                   | 107,4                                                                                  | 32 300                                                                                         | 83 300                                                                                  | 70 900                                                                                          | 91 700 *                                                                                |                                                                                                   |                                                                                           | 28,0                                                                                     |
| 30,0                                                                                   | 75,3                                                                                   | 106,9                                                                                  | 27 900                                                                                         | 76 700                                                                                  | 63 600                                                                                          | 91 000 *                                                                                |                                                                                                   |                                                                                           | 30,0                                                                                     |
| 32,0                                                                                   | 74,2                                                                                   | 106,3                                                                                  | 24 000                                                                                         | 70 900                                                                                  | 57 300                                                                                          | 90 400 *                                                                                |                                                                                                   |                                                                                           | 32,0                                                                                     |
| 34,0                                                                                   | 73,1                                                                                   | 105,7                                                                                  | 20 700                                                                                         | 65 600                                                                                  | 51 800                                                                                          | 89 700 *                                                                                |                                                                                                   |                                                                                           | 34,0                                                                                     |
| 36,0                                                                                   | 72,0                                                                                   | 105,0                                                                                  | 17 700                                                                                         | 60 900                                                                                  | 47 000                                                                                          | 88 500 *                                                                                | 76 800                                                                                            | 89 000 *                                                                                  | 36,0                                                                                     |
| 38,0                                                                                   | 70,9                                                                                   | 104,3                                                                                  | 15 100                                                                                         | 56 600                                                                                  | 42 700                                                                                          | 83 600 *                                                                                | 70 400                                                                                            | 88 300 *                                                                                  | 38,0                                                                                     |
| 40,0                                                                                   | 69,8                                                                                   | 103,6                                                                                  | 12 800                                                                                         | 52 800                                                                                  | 38 900                                                                                          | 78 000 *                                                                                | 65 000                                                                                            | 87 600 *                                                                                  | 40,0                                                                                     |
| 42,0                                                                                   | 68,6                                                                                   | 102,8                                                                                  | 10 600                                                                                         | 49 200                                                                                  | 35 400                                                                                          | 73 100 *                                                                                | 60 200                                                                                            | 87 000 *                                                                                  | 42,0                                                                                     |
| 44,0                                                                                   | 67,5                                                                                   | 102,0                                                                                  | 8 700                                                                                          | 46 000                                                                                  | 32 300                                                                                          | 68 700 *                                                                                | 55 900                                                                                            | 84 300 *                                                                                  | 44,0                                                                                     |
| 46,0                                                                                   | 66,3                                                                                   | 101,1                                                                                  | 7 000                                                                                          | 43 000                                                                                  | 29 500                                                                                          | 64 600 *                                                                                | 52 000                                                                                            | 79 700 *                                                                                  | 46,0                                                                                     |
| 48,0                                                                                   | 65,1                                                                                   | 100,2                                                                                  | 5 400                                                                                          | 40 200                                                                                  | 26 900                                                                                          | 60 900 *                                                                                | 48 400                                                                                            | 75 400 *                                                                                  | 48,0                                                                                     |
| 50,0                                                                                   | 64,0                                                                                   | 99,2                                                                                   | 4 000                                                                                          | 37 600                                                                                  | 24 500                                                                                          | 57 400 *                                                                                | 45 100                                                                                            | 71 500 *                                                                                  | 50,0                                                                                     |
| 52,0                                                                                   | 62,8                                                                                   | 98,2                                                                                   | 2 600                                                                                          | 35 000                                                                                  | 22 300                                                                                          | 54 300                                                                                  | 42 100                                                                                            | 67 800 *                                                                                  | 52,0                                                                                     |
| 54,0                                                                                   | 61,6                                                                                   | 97,1                                                                                   | 1 400                                                                                          | 32 500                                                                                  | 20 300                                                                                          | 51 300                                                                                  | 39 300                                                                                            | 64 400 *                                                                                  | 54,0                                                                                     |
| 56,0                                                                                   | 60,3                                                                                   | 95,9                                                                                   |                                                                                                | 30 300                                                                                  | 18 400                                                                                          | 48 300                                                                                  | 36 700                                                                                            | 61 200 *                                                                                  | 56,0                                                                                     |
| 58,0                                                                                   | 59,1                                                                                   | 94,7                                                                                   |                                                                                                | 28 200                                                                                  | 16 700                                                                                          | 45 500                                                                                  | 34 300                                                                                            | 58 200 *                                                                                  | 58,0                                                                                     |
| 60,0                                                                                   | 57,8                                                                                   | 93,5                                                                                   |                                                                                                | 26 200                                                                                  | 15 100                                                                                          | 42 900                                                                                  | 32 100                                                                                            | 55 500 *                                                                                  | 60,0                                                                                     |
| 62,0                                                                                   | 56,6                                                                                   | 92,2                                                                                   |                                                                                                | 24 400                                                                                  | 13 600                                                                                          | 40 600                                                                                  | 30 000                                                                                            | 52 900 *                                                                                  | 62,0                                                                                     |
| 64,0                                                                                   | 55,3                                                                                   | 90,8                                                                                   |                                                                                                | 22 700                                                                                  | 12 200                                                                                          | 38 300                                                                                  | 28 100                                                                                            | 50 400 *                                                                                  | 64,0                                                                                     |
| 66,0                                                                                   | 54,0                                                                                   | 89,3                                                                                   |                                                                                                | 21 100                                                                                  | 10 900                                                                                          | 36 200                                                                                  | 26 200                                                                                            | 48 200 *                                                                                  | 66,0                                                                                     |
| 68,0                                                                                   | 52,6                                                                                   | 87,8                                                                                   |                                                                                                | 19 600                                                                                  | 9 600                                                                                           | 34 200                                                                                  | 24 500                                                                                            | 46 000 *                                                                                  | 68,0                                                                                     |
| 70,0                                                                                   | 51,3                                                                                   | 86,2                                                                                   |                                                                                                | 18 100                                                                                  | 8 400                                                                                           | 32 300                                                                                  | 22 900                                                                                            | 44 000 *                                                                                  | 70,0                                                                                     |
| 72,0                                                                                   | 49,9                                                                                   | 84,5                                                                                   |                                                                                                | 16 700 *                                                                                | 7 400                                                                                           | 30 500 *                                                                                | 21 400                                                                                            | 42 100 *                                                                                  | 72,0                                                                                     |
| 74,0                                                                                   | 48,5                                                                                   | 82,8                                                                                   |                                                                                                | 15 300 *                                                                                | 6 300                                                                                           | 28 800 *                                                                                | 19 900                                                                                            | 40 300 *                                                                                  | 74,0                                                                                     |
| 76,0                                                                                   | 47,0                                                                                   | 80,9                                                                                   |                                                                                                | 14 000 *                                                                                | 5 300                                                                                           | 27 100 *                                                                                | 18 500                                                                                            | 38 600 *                                                                                  | 76,0                                                                                     |
| 78,0                                                                                   | 45,5                                                                                   | 78,9                                                                                   |                                                                                                | 12 800 *                                                                                | 4 400                                                                                           | 25 500 *                                                                                | 17 200                                                                                            | 36 900 *                                                                                  | 78,0                                                                                     |
| 80,0                                                                                   | 44,0                                                                                   | 76,9                                                                                   |                                                                                                | 11 600 *                                                                                | 3 500                                                                                           | 24 000 *                                                                                | 16 000                                                                                            | 35 400 *                                                                                  | 80,0                                                                                     |
| 82,0                                                                                   | 42,5                                                                                   | 74,7                                                                                   |                                                                                                | 10 500 *                                                                                | 2 600                                                                                           | 22 600 *                                                                                | 14 900                                                                                            | 33 900 *                                                                                  | 82,0                                                                                     |
| 84,0                                                                                   | 40,8                                                                                   | 72,4                                                                                   |                                                                                                | 9 500 *                                                                                 | 1 800                                                                                           | 21 200 *                                                                                | 13 700                                                                                            | 32 500 *                                                                                  | 84,0                                                                                     |
| 86,0                                                                                   | 39,2                                                                                   | 70,0                                                                                   |                                                                                                | 8 500 *                                                                                 | 1 100                                                                                           | 19 900 *                                                                                | 12 700                                                                                            | 31 200 *                                                                                  | 86,0                                                                                     |
| 88,0                                                                                   | 37,4                                                                                   | 67,4                                                                                   |                                                                                                | 7 500 *                                                                                 |                                                                                                 | 18 700 *                                                                                | 11 600                                                                                            | 29 900 *                                                                                  | 88,0                                                                                     |
| 92,0                                                                                   | 33,7                                                                                   | 61,7                                                                                   |                                                                                                | 5 700 *                                                                                 |                                                                                                 | 16 400 *                                                                                | 9 700                                                                                             | 27 100 *                                                                                  | 92,0                                                                                     |
| 96,0                                                                                   | 29,6                                                                                   | 55,0                                                                                   |                                                                                                | 4 000 *                                                                                 |                                                                                                 | 14 200 *                                                                                | 7 900                                                                                             | 24 500 *                                                                                  | 96,0                                                                                     |
| 100,0                                                                                  | 24,9                                                                                   | 47,0                                                                                   |                                                                                                |                                                                                         |                                                                                                 | 12 200 *                                                                                | 6 300                                                                                             | 21 000 *                                                                                  | 100,0                                                                                    |
| 104,0                                                                                  | 19,0                                                                                   | 36,8                                                                                   |                                                                                                |                                                                                         |                                                                                                 | 10 400 *                                                                                | 4 800                                                                                             | 17 500 *                                                                                  | 104,0                                                                                    |

58 HL



150 590 kg  
+  
54 430 kg

360°

11,0 m

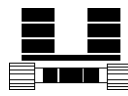
114,0 m

7 m/s

| <br>m | <br>o | <br>m | 62 530 kg |          | 142 360 kg |          | 222 190 kg |          | <br>m |
|-------|-------|-------|-----------|----------|------------|----------|------------|----------|-------|
|       |       |       | <br>kg    | <br>kg   | <br>kg     | <br>kg   | <br>kg     | <br>kg   |       |
| 18,0  | 82,3  | 115,5 | 70 200    | 79 700 * |            |          |            |          | 18,0  |
| 20,0  | 81,3  | 115,2 | 60 000    | 79 500 * |            |          |            |          | 20,0  |
| 22,0  | 80,2  | 114,8 | 50 800    | 79 500 * |            |          |            |          | 22,0  |
| 24,0  | 79,2  | 114,4 | 43 300    | 79 300 * |            |          |            |          | 24,0  |
| 26,0  | 78,2  | 114,0 | 37 100    | 78 800 * |            |          |            |          | 26,0  |
| 28,0  | 77,2  | 113,6 | 31 800    | 78 200 * |            |          |            |          | 28,0  |
| 30,0  | 76,1  | 113,1 | 27 300    | 75 200   | 63 400     | 77 600 * |            |          | 30,0  |
| 32,0  | 75,1  | 112,5 | 23 500    | 69 000   | 56 800     | 77 000 * |            |          | 32,0  |
| 34,0  | 74,0  | 111,9 | 20 100    | 63 800   | 51 300     | 76 300 * |            |          | 34,0  |
| 36,0  | 73,0  | 111,3 | 17 100    | 59 200   | 46 400     | 75 700 * |            |          | 36,0  |
| 38,0  | 71,9  | 110,7 | 14 500    | 55 000   | 42 100     | 75 100 * |            |          | 38,0  |
| 40,0  | 70,9  | 110,0 | 12 100    | 51 100   | 38 300     | 74 500 * | 64 700     | 74 500 * | 40,0  |
| 42,0  | 69,8  | 109,2 | 10 000    | 47 600   | 34 800     | 72 700 * | 59 700     | 73 900 * | 42,0  |
| 44,0  | 68,7  | 108,5 | 8 100     | 44 400   | 31 700     | 68 100 * | 55 400     | 73 300 * | 44,0  |
| 46,0  | 67,6  | 107,6 | 6 300     | 41 500   | 28 900     | 64 000 * | 51 400     | 72 700 * | 46,0  |
| 48,0  | 66,5  | 106,8 | 4 800     | 38 800   | 26 200     | 60 300 * | 47 800     | 72 100 * | 48,0  |
| 50,0  | 65,4  | 105,9 | 3 300     | 36 400   | 23 900     | 56 800 * | 44 500     | 70 700 * | 50,0  |
| 52,0  | 64,3  | 104,9 | 2 000     | 34 000   | 21 700     | 53 700   | 41 500     | 67 300 * | 52,0  |
| 54,0  | 63,2  | 103,9 |           | 31 800   | 19 700     | 50 700   | 38 700     | 63 800 * | 54,0  |
| 56,0  | 62,0  | 102,8 |           | 29 600   | 17 800     | 47 700   | 36 100     | 60 600 * | 56,0  |
| 58,0  | 60,9  | 101,7 |           | 27 500   | 16 100     | 44 900   | 33 700     | 57 700 * | 58,0  |
| 60,0  | 59,7  | 100,5 |           | 25 600   | 14 500     | 42 300   | 31 500     | 54 900 * | 60,0  |
| 62,0  | 58,6  | 99,3  |           | 23 800   | 13 000     | 39 900   | 29 400     | 52 300 * | 62,0  |
| 64,0  | 57,4  | 98,0  |           | 22 100   | 11 600     | 37 700   | 27 400     | 49 900 * | 64,0  |
| 66,0  | 56,1  | 96,7  |           | 20 500   | 10 200     | 35 600   | 25 600     | 47 600 * | 66,0  |
| 68,0  | 54,9  | 95,3  |           | 19 000   | 9 000      | 33 600   | 23 900     | 45 400 * | 68,0  |
| 70,0  | 53,7  | 93,8  |           | 17 400 * | 7 800      | 31 700 * | 22 300     | 43 400 * | 70,0  |
| 72,0  | 52,4  | 92,3  |           | 16 000 * | 6 700      | 29 800 * | 20 800     | 41 500 * | 72,0  |
| 74,0  | 51,1  | 90,7  |           | 14 600 * | 5 700      | 28 100 * | 19 300     | 39 700 * | 74,0  |
| 76,0  | 49,8  | 89,0  |           | 13 300 * | 4 700      | 26 400 * | 17 900     | 38 000 * | 76,0  |
| 78,0  | 48,5  | 87,2  |           | 12 100 * | 3 700      | 24 800 * | 16 600     | 36 400 * | 78,0  |
| 80,0  | 47,1  | 85,4  |           | 10 900 * | 2 900      | 23 300 * | 15 400     | 34 800 * | 80,0  |
| 82,0  | 45,7  | 83,4  |           | 9 800 *  | 2 000      | 21 900 * | 14 200     | 33 400 * | 82,0  |
| 84,0  | 44,3  | 81,4  |           | 8 700 *  | 1 200      | 20 600 * | 13 100     | 31 900 * | 84,0  |
| 86,0  | 42,8  | 79,2  |           | 7 800 *  |            | 19 300 * | 12 000     | 30 600 * | 86,0  |
| 88,0  | 41,3  | 77,0  |           | 6 800 *  |            | 18 000 * | 11 000     | 29 300 * | 88,0  |
| 92,0  | 38,1  | 72,0  |           | 5 000 *  |            | 15 700 * | 9 100      | 26 500 * | 92,0  |
| 96,0  | 34,6  | 66,5  |           | 3 300 *  |            | 13 600 * | 7 400      | 23 900 * | 96,0  |
| 100,0 | 30,8  | 60,1  |           |          |            | 11 600 * | 5 700      | 21 500 * | 100,0 |
| 104,0 | 26,6  | 52,6  |           |          |            | 9 800 *  | 4 200      | 18 700 * | 104,0 |
| 108,0 | 21,5  | 43,4  |           |          |            | 8 100 *  | 2 800      | 15 600 * | 108,0 |



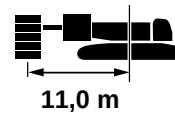
58 HL



150 590 kg  
+  
54 430 kg



360°



11,0 m



120,0 m



7 m/s

|                                                                                   |                                                                                   |                                                                                   | 142 160 kg                                                                        |                                                                                   | 222 190 kg                                                                        |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |
| m                                                                                 | °                                                                                 | m                                                                                 | kg                                                                                | kg                                                                                | kg                                                                                | kg                                                                                  | m                                                                                   |
| 32,0                                                                              | 75,8                                                                              | 118,7                                                                             | 55 800                                                                            | 66 500 *                                                                          |                                                                                   |                                                                                     | 32,0                                                                                |
| 34,0                                                                              | 74,9                                                                              | 118,2                                                                             | 50 200                                                                            | 66 000 *                                                                          |                                                                                   |                                                                                     | 34,0                                                                                |
| 36,0                                                                              | 73,9                                                                              | 117,6                                                                             | 45 300                                                                            | 65 000 *                                                                          |                                                                                   |                                                                                     | 36,0                                                                                |
| 38,0                                                                              | 72,9                                                                              | 117,0                                                                             | 41 000                                                                            | 63 500 *                                                                          |                                                                                   |                                                                                     | 38,0                                                                                |
| 40,0                                                                              | 71,9                                                                              | 116,3                                                                             | 37 200                                                                            | 62 300 *                                                                          |                                                                                   |                                                                                     | 40,0                                                                                |
| 42,0                                                                              | 70,8                                                                              | 115,6                                                                             | 33 700                                                                            | 61 100 *                                                                          |                                                                                   |                                                                                     | 42,0                                                                                |
| 44,0                                                                              | 69,8                                                                              | 114,9                                                                             | 30 500                                                                            | 59 900 *                                                                          |                                                                                   |                                                                                     | 44,0                                                                                |
| 46,0                                                                              | 68,8                                                                              | 114,1                                                                             | 27 700                                                                            | 58 800 *                                                                          | 50 300                                                                            | 58 800 *                                                                            | 46,0                                                                                |
| 48,0                                                                              | 67,8                                                                              | 113,3                                                                             | 25 100                                                                            | 57 600 *                                                                          | 46 700                                                                            | 57 600 *                                                                            | 48,0                                                                                |
| 50,0                                                                              | 66,7                                                                              | 112,4                                                                             | 22 700                                                                            | 55 400                                                                            | 43 400                                                                            | 56 400 *                                                                            | 50,0                                                                                |
| 52,0                                                                              | 65,7                                                                              | 111,5                                                                             | 20 500                                                                            | 52 300                                                                            | 40 400                                                                            | 55 200 *                                                                            | 52,0                                                                                |
| 54,0                                                                              | 64,6                                                                              | 110,6                                                                             | 18 500                                                                            | 49 500                                                                            | 37 600                                                                            | 54 000 *                                                                            | 54,0                                                                                |
| 56,0                                                                              | 63,6                                                                              | 109,6                                                                             | 16 600                                                                            | 46 600                                                                            | 35 000                                                                            | 52 800 *                                                                            | 56,0                                                                                |
| 58,0                                                                              | 62,5                                                                              | 108,6                                                                             | 14 900                                                                            | 43 800                                                                            | 32 600                                                                            | 51 600 *                                                                            | 58,0                                                                                |
| 60,0                                                                              | 61,4                                                                              | 107,5                                                                             | 13 300                                                                            | 41 200                                                                            | 30 300                                                                            | 50 400 *                                                                            | 60,0                                                                                |
| 62,0                                                                              | 60,3                                                                              | 106,3                                                                             | 11 800                                                                            | 38 900                                                                            | 28 200                                                                            | 49 200 *                                                                            | 62,0                                                                                |
| 64,0                                                                              | 59,2                                                                              | 105,1                                                                             | 10 300                                                                            | 36 600                                                                            | 26 300                                                                            | 48 000 *                                                                            | 64,0                                                                                |
| 66,0                                                                              | 58,1                                                                              | 103,9                                                                             | 9 000                                                                             | 34 400 *                                                                          | 24 400                                                                            | 46 700 *                                                                            | 66,0                                                                                |
| 68,0                                                                              | 56,9                                                                              | 102,6                                                                             | 7 800                                                                             | 32 300 *                                                                          | 22 700                                                                            | 44 500 *                                                                            | 68,0                                                                                |
| 70,0                                                                              | 55,8                                                                              | 101,2                                                                             | 6 600                                                                             | 30 400 *                                                                          | 21 100                                                                            | 42 400 *                                                                            | 70,0                                                                                |
| 72,0                                                                              | 54,6                                                                              | 99,8                                                                              | 5 500                                                                             | 28 500 *                                                                          | 19 600                                                                            | 40 500 *                                                                            | 72,0                                                                                |
| 74,0                                                                              | 53,4                                                                              | 98,3                                                                              | 4 500                                                                             | 26 800 *                                                                          | 18 100                                                                            | 38 700 *                                                                            | 74,0                                                                                |
| 76,0                                                                              | 52,2                                                                              | 96,8                                                                              | 3 500                                                                             | 25 100 *                                                                          | 16 800                                                                            | 37 000 *                                                                            | 76,0                                                                                |
| 78,0                                                                              | 51,0                                                                              | 95,2                                                                              | 2 500                                                                             | 23 600 *                                                                          | 15 500                                                                            | 35 400 *                                                                            | 78,0                                                                                |
| 80,0                                                                              | 49,7                                                                              | 93,5                                                                              | 1 700                                                                             | 22 000 *                                                                          | 14 200                                                                            | 33 800 *                                                                            | 80,0                                                                                |
| 82,0                                                                              | 48,4                                                                              | 91,7                                                                              | 800                                                                               | 20 600 *                                                                          | 13 100                                                                            | 32 400 *                                                                            | 82,0                                                                                |
| 84,0                                                                              | 47,1                                                                              | 89,8                                                                              |                                                                                   | 19 300 *                                                                          | 11 900                                                                            | 30 900 *                                                                            | 84,0                                                                                |
| 86,0                                                                              | 45,8                                                                              | 87,9                                                                              |                                                                                   | 18 000 *                                                                          | 10 900                                                                            | 29 500 *                                                                            | 86,0                                                                                |
| 88,0                                                                              | 44,5                                                                              | 85,9                                                                              |                                                                                   | 16 800 *                                                                          | 9 900                                                                             | 28 000 *                                                                            | 88,0                                                                                |
| 92,0                                                                              | 41,6                                                                              | 81,5                                                                              |                                                                                   | 14 400 *                                                                          | 8 000                                                                             | 25 200 *                                                                            | 92,0                                                                                |
| 96,0                                                                              | 38,6                                                                              | 76,7                                                                              |                                                                                   | 12 300 *                                                                          | 6 200                                                                             | 22 600 *                                                                            | 96,0                                                                                |
| 100,0                                                                             | 35,4                                                                              | 71,3                                                                              |                                                                                   | 10 400 *                                                                          | 4 600                                                                             | 20 200 *                                                                            | 100,0                                                                               |
| 104,0                                                                             | 31,9                                                                              | 65,1                                                                              |                                                                                   | 8 500 *                                                                           | 3 100                                                                             | 18 000 *                                                                            | 104,0                                                                               |
| 108,0                                                                             | 28,0                                                                              | 58,0                                                                              |                                                                                   | 6 900 *                                                                           | 1 700                                                                             | 15 800 *                                                                            | 108,0                                                                               |
| 112,0                                                                             | 23,5                                                                              | 49,5                                                                              |                                                                                   | 5 300 *                                                                           |                                                                                   | 12 900 *                                                                            | 112,0                                                                               |
| 116,0                                                                             | 18,0                                                                              | 38,7                                                                              |                                                                                   | 3 700 *                                                                           |                                                                                   | 10 100 *                                                                            | 116,0                                                                               |